

U.S.-BRAZIL INNOVATION LEARNING LABORATORY 13

November 17-18, 2011
Porto Alegre, Brazil

Participants Agenda Biographies



Compete.

Council on
Competitiveness



Agência Brasileira de Desenvolvimento Industrial



MOVIMENTO BRASIL COMPETITIVO



U.S.-Brazil Innovation Learning Laboratory 13

Picking up the Pace

Exploring New Sustainability Frontiers...Driving Entrepreneurship...and Innovating in Biosciences

Research and new ideas will fuel an innovation economy that drives productivity growth and prosperity—and these key underpinnings for innovation capacity start from imagination, curiosity-based research, then move to application and finally to commercial exploitation.

The United States and Brazil must certainly retain and enhance their research at the frontiers—a key theme in our 12 previous “US-Brazil Innovation Learning Laboratories” and 2 “US-Brazil Innovation Summits” in 2007 and 2010.

But both nations must also improve the “platforms” that drive new products, services and solutions to the marketplace.

And by many measures, the United States and Brazil lead the world in knowledge creation and entrepreneurship—but it is also clear that even in these robust innovation environments, good ideas are left on the shelf.

This 13th US-Brazil Innovation Learning Laboratory will explore ways in which both nations can accelerate knowledge and technology transfer, spur entrepreneurship, and catalyze the next generation of innovators in the Western Hemisphere’s two largest economies.

Attention will focus on innovation challenges and opportunities neither country can meet alone—as well as cross-sector learnings—particularly in: the nexus of strategic resources, like energy and water; scaling up the overall entrepreneurial environment for key, emerging sectors (IT, social media); and, meeting the health needs of rapidly urbanizing societies, while innovating at the frontiers of bioscience.

Logistics

Hotel

Mercure Manhattan in Porto Alegre

<http://www.accorhotels.com/pt/hotel-3623-mercure-porto-alegre-manhattan/index.shtml>

Dress Code

Business Attire

Key Contact Information

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Thursday, November 17, 2011

7:00 p.m. Reception

Transportation will be provided.

Location

Museum of Science & Technology for the Pontifical Catholic University of Rio Grande do Sul: [http://en.wikipedia.org/wiki/Museum_of_Science_and_Technology_\(PUCRS\)](http://en.wikipedia.org/wiki/Museum_of_Science_and_Technology_(PUCRS))

Friday, November 18, 2011

7:30 a.m.—5:30 p.m.

Transportation will be provided.

Location

Pontifical Catholic University of Rio Grande do Sul (PUCRS)

Av. Ipiranga, 6681

Building 99A

2nd Floor

Porto Alegre, State of Rio Grande do Sul, Brazil

90619-900

Participants

(As of November 17)

Dr. Ana Lucia Abujamra

Director of Research & Development
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Dr. Roberto dos Reis Alvarez

International Affairs Manager
Brazilian Agency for Industrial Development (ABDI)

Mr. Claudel H. Antoine

Program Manager
External R&D
GE Healthcare

Mr. Valdênio Miranda de Araújo

Senior Projects Technician
Brazilian Agency for Industrial Development (ABDI)

Dr. Jorge Luis Nicolas Audy

Dean for Research and Graduate Studies
Pontifical Catholic University of Rio Grande do Sul (PUCRS)

Dr. Jorge Ávila

President
Brazilian National Institute of Industrial Property (INPI)

Dr. Dario Francisco Guimarães de Azevedo

Dean of International and Institutional Affairs and
Professor at the School of Engineering
Pontifical Catholic University of Rio Grande do Sul (PUCRS)

Dr. Susan Bakewell-Sachs

Interim Provost and Vice President, Academic
Affairs
Professor of Nursing
The College of New Jersey; and
Program Director, Robert Wood Johnson New
Jersey Nursing Initiative at the New Jersey
Chamber of Commerce

Ms. Michelle Berger

Sales Director—Latin America and Caribbean
ECHELON

Ms. Carla Bonan

Research Coordinator
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Mr. Edgar Bortolini

Professor—Engineering School
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Dr. Erik Camarano

Chief Executive Officer
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Mr. Luciano Felipe de Carvalho

Gerente de Informação Técnica e Propriedade
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Dr. Ricardo Augusto Cassel

Coordinator of the Production and Systems
Universidade do Vale do Rio dos Sinos
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Dr. Carlos Cavalcante

Superintendent
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Dr. Lin Chih Cheng

Professor, Industrial
Engineering Department
Federal University of
Minas Gerais (UFMG)

Professor Joaquim Clotet

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Senior Vice President for Research & Chief
Technology Officer
Georgetown University

Mr. Chad Evans

Senior Vice President
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Mr. Thomas A. Farrell

Vice Provost for Global Engagement
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Coordinator for Innovation
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Founder
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Mr. Nelson Fujimoto

Secretary for Innovation
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Executive Secretary
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Vice Chancellor for Research
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Dr. Ray Johnson

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Chief Technology Officer
Lockheed Martin Corporation

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President
INMETRO

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Mr. Guilherme Masseroni

Founder
GETWAY TECNOLOGIA

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Secretary
Secretariat of Technological Development and Innovation (MCT)

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Manager of Technical Information and Intellectual Property
Petrobras

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Executive Coordinator
The Observatory of Innovation and Competitiveness, Institute of Advanced Studies; and Full Professor, Polytechnic School, Production Engineering Department
University of São Paulo

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Dr. Diógenes Santos

Coordenador—Centro de Pesquisa em Biologia Molecular e Funcional
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Mr. Dalton Schmitt, Jr.

Senior Partner and Chief Investment Officer
CRP

Dr. Rosemary Shinkai

Associate Professor of the Department of Prosthodontics
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Business Superintendent
CERTI

Mr. Carlos Gustavo Nunes da Silva

Co-founder
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Mr. Felipe Soares

IT Director
Dell

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Professor, Faculdade de Química Pontifical Catholic University of Rio Grande do Sul (PUCRS)

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Vice President for Technology Commercialization
Georgetown University

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General Director
Futura Networks Brasil

Ms. Gabrielle Trebat

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Ms. Elisabeth Urban

Superintendent
Instituto Euvaldo Lodi—Rio Grande do Sul (IEL-RS)

Mr. Marcelo Vaccari

Founder
Aurora Aerial Imaging

Ms. Leticia Falcão Veiga

Senior Consultant
Petrobras

Dr. Flávio Rech Wagner

Director of the new Science and Technology Park
Federal University of Rio Grande do Sul (UFRGS)

Dr. Marc A. Weiss

Chairman and CEO
Global Urban Development

Dr. Izete Zanesco

Coordenador, Núcleo de Tecnologia em Energia Solar
Pontifical Catholic University of Rio Grande do Sul (PUCRS)

Agenda: Friday, November 18

(As of November 14)

MORNING

7:30 U.S. Delegation departs for the Pontifical Catholic University of Rio Grande do Sul (PUC-RS)

8:00 Registration and Continental Breakfast

8:30 Introductions and Opening Remarks

Professor Joaquim Clotet

Rector

Pontifical Catholic University of Rio Grande do Sul (PUCRS)

Dr. Mauro Borges Lemos

President

Brazilian Agency for Industrial Development (ABDI); and

Professor

Federal University of Minas Gerais (UFMG)

Dr. Erik Camarano

Chief Executive Officer

Movimento Brasil Competitivo (MBC)

9:00 Innovation Summits & Learning Labs: Recap and Next Steps

Dr. Roberto dos Reis Alvarez

International Affairs Manager

Brazilian Agency for Industrial Development (ABDI)

Mr. Chad Evans

Senior Vice President

Council on Competitiveness

9:15 Dialogue One: Energy & Water Are Everything—How Do We Meet Global Demand and Manage Critical Resources?

Key Questions

1. Bridging the future gap between demand and supply—whether in energy and/or water—is not solely a question of advancements in technology. However, are there potential disruptive innovations that can help strengthen/support the energy-water nexus?
2. Are there best practices (industrial, policy, etc.) in the United States, Brazil—or elsewhere—that point the way to a balancing of demands for energy and other critical resources, like water?
3. What are some of the key challenges involved with managing trade-offs between energy and water resources?
4. How can emerging economies balance energy/resource distribution especially as improving living conditions in emerging economies result in more resource-intensive consumption patterns?

Moderator

Dr. Ray O. Johnson

Senior Vice President and

Chief Technology Officer

Lockheed Martin Corporation

Kick-Off Discussants

Mr. Thomas A. Farrell

Vice Provost for Global Engagement
University of Nebraska

Dr. João Alziro Herz da Jornada

President

INMETRO

Dr. João Marcelo Ketzer
 Coordinator
 Brazilian Carbon Storage Research Center—
 CEPAC; and
 Professor
 Pontifical Catholic University of Rio Grande
 do Sul (PUCRS)

Dr. Marc A. Weiss
 Chairman and CEO
 Global Urban Develoent

10:15 Break

10:30 Dialogue Two: Entrepreneurship—How Do We Start Up and Scale Up Economic Engines of Growth for the 21st Century?

Key Questions

1. What are strategies to build communities of entrepreneurship and commercialization—to accelerate deployment and scale-up of innovation?
2. Are there financial best practices to fund innovative ideas and entrepreneurial ventures in an era of increasing resource constraint? How do we do more with less?
3. How can we facilitate access to labs and universities to engage potential partners in the private sector? How can we enhance and support the missions of labs and universities to encourage commercialization in partnership with industry?

Co-Moderators

Dr. Roberto dos Reis Alvarez
 International Affairs Manager
 Brazilian Agency for Industrial Develoent
 (ABDI)

Dr. Spiros Dimolitsas
 Senior Vice President for Research and
 Chief Technology Officer
 Georgetown University

Kick-Off Discussants

Mr. Dalton Schmitt Jr.
 Senior Partner & Chief Investment Officer
 CRP

Mr. Mario Teza
 General Director
 Futura Networks Brasil

Ms. Renata Guinther
 Departamento de Investimento em
 FundosÁrea de InvestimentosFinep—
 Financiadora de Estudos e ProjetosMinistério
 da Ciência, Tecnologia e Inovação

11:30 StartUp Lunch

Brazil-based start-up leaders “pitch” their business—and in an interactive conversation with the Innovation Learning Laboratory participants, showcase: what it takes to build a business in Brazil and the United States; and highlight business products and services ready for deployment in Brazil and the United States.

Moderator

Mr. Diego Remus
 Chief Editor
 Starupi

Biotech AMAZONIA
 Innovare Technologies Ltda.

JMMTECH

ZIEL BIOSCIENCES

GETWAY TECNOLOGIA

Aurora Aerial Imaging

GBA SOLUÇÕES ENGENHARIA
 (SC Coating)

AFTERNOON**1:15 TECNOPUC Tour**

A curated tour of TECNOPUC—the Science and Technology Park of the Pontifical Catholic University of Rio Grande do Sul (PUCRS).
www.pucrs.br/research/innovation_tecnopuc.htm

3:00 Dialogue Three: 21st Century Engineering—Challenges and Opportunities in Developing and Encouraging Talent

Global competitiveness forces are reinforcing the critical role of engineering—and engineers—in innovation-focused nations, like the United States and Brazil.

Key Questions

1. What is the current situation in Brazil and the United States—and, what are the main challenges, and best practices, in attracting students into engineering?
2. Are there areas and opportunities for joint collaboration in developing engineering talent?
3. How are other areas around the world faring—and how are Brazil and the United States positioned in the international arena?

Moderator

Dr. Jorge Luis Nicolas Audy
 Dean for Research and Graduate Studies
 Pontifical Catholic University of Rio Grande do Sul (PUCRS)

Mr. Nelson Fujimoto
 Secretary for Innovation
 Ministry for Development, Industry and Foreign Trade

Kick-Off Discussants

Dr. Ravishankar Iyer
 Vice Chancellor for Research
 University of Illinois at Urbana-Champaign

Dr. Ray O. Johnson
 Senior Vice President and
 Chief Technology Officer
 Lockheed Martin Corporation

Dr. Ronaldo Mota
 Secretary
 Secretariat of Technological Development and Innovation
 National Ministry of Science and Technology (MCT)

Dr. Mario Sergio Salerno
 Executive Coordinator
 The Observatory of Innovation and Competitiveness, Institute of Advanced Studies; and
 Full Professor, Polytechnic School, Production Engineering Department

4:00 Dialogue Four: Health, Hunger & Happiness—How Do We Feed the World, Innovate at the Frontier of Biosciences, and Drive Better Living Standards?**Key Questions**

1. How do the Western Hemisphere's two largest economies create a resilient health care framework to ensure improved quality of life for their citizens? What are the key elements—policy, talent, etc.—of such a framework?
2. How can the United States and Brazil use innovative solutions—from the biosciences, information technology, etc.—to mitigate risk of large-scale challenges, like chronic illnesses, epidemics, etc.?
3. What opportunities exist for collaboration in research and business to meet 21st century global food production and distribution challenges?

Moderator

Dr. Jorge Ávila
President
Brazilian National Institute of Industrial
Property

Kick-Off Discussants

Mr. Claudel H. Antoine
Program Manager
External R&D
GE Healthcare

Dr. Susan Bakewell-Sachs
Interim Provost and Vice President, Academic
Affairs
Professor of Nursing
The College of New Jersey; and
Program Director, Robert Wood Johnson
Foundation New Jersey Nursing Initiative at
the New Jersey Chamber of Commerce

Dr. Jaderson Costa da Costa
Director
Brain Institute
Pontifical Catholic University of Rio Grande
do Sul (PUCRS)

Dr. Klaus Hoehn
Vice President, Advanced Technology and
Engineering
Deere & Company

Dr. Ravishankar Iyer
Vice Chancellor for Research
University of Illinois at Urbana-Champaign

5:15 Closing Remarks

Dr. Erik Camarano
Chief Executive Officer
Movimento Brasil Competitivo (MBC)

Dr. Mauro Borges Lemos
President
Brazilian Agency for Industrial Development
(ABDI); and Professor
Federal University of Minas Gerais—UFMG

Dr. Jorge Luis Nicolas Audy
Dean for Research and Graduate Studies
Pontifical Catholic University of Rio Grande
do Sul (PUCRS)

5:30 Bus departs to hotel**5:00 Wrap-up & Next Steps**

Dr. Roberto dos Reis Alvarez
International Affairs Manager
Brazilian Agency for Industrial Development
(ABDI)

Mr. Chad Evans
Senior Vice President
Council on Competitiveness

Biographies

Dr. Ana Lucia Abujamra

Director of Research & Development
Ziel Biosciences

Dr. Roberto dos Reis Alvarez

International Affairs Manager
Brazilian Agency for Industrial Development



Roberto dos Reis Alvarez is the International Affairs Manager at the Brazilian Agency for Industrial Development (ABDI). Having joined the Agency in 2005, he previously served as industrial development consultant, project manager and industrial development coordinator (deputy to the director).

Among other responsibilities, he coordinates ABDI bilateral innovation initiatives with the United States, Sweden and Germany. From 2008 to 2010, he managed the Brazilian industrial policy programs which aimed at promoting economic and industrial integration with Africa and Latin America.

Mr Alvarez got a major in Civil Engineering from the Federal University of Rio Grande do Sul (UFRGS) and was trained in Quality Control and Productivity Technique at the Japan Productivity Center, in Tokyo, Japan. He holds Ms.C. and Ph.D. degrees in Industrial Engineering, from the Brazilian federal universities of Rio Grande do Sul (UFRGS) and Rio de Janeiro (COPPE/UFRJ), respectively.

Before joining ABDI, he worked in the private sector as a management and/or operations consultant (manufacturing and logistics) and entrepreneur in the IT sector. In more than 17 years of professional experience, he developed projects in auto, electrical, medical equipment, construction material, oil & gas, education and software sector, among others.

He taught and/or coordinated graduated courses at the federal universities of Rio Grande do Sul (UFRGS), Rio de Janeiro (UFRJ) and Parana (UFPR).

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Mr. Claudel H. Antoine

Program Manager
External R&D
GE Healthcare

Claudel Antoine is a Program Manager for external R&D partnerships at GE Healthcare. In this capacity, he is responsible for developing and managing GE's portfolio of R&D collaborations with academic and research institutes in the Southeast United States and Latin America.

After completing a degree in chemical and biological engineering from Tufts University, Claudel began his career in research at MIT developing DNA sequencing technology at the Whitehead Institute's Center for Genome Research. He later joined Harvard and MIT's Broad Institute in May 2004 where he created the project management office and managed a portfolio of biomedical research and technology development projects for the institute's largest program. While at MIT, he completed a degree in Engineering Management and served as a business and product development consultant for the solar cell company Konarka Technologies, Inc. Claudel is certified as a Project Management Professional and a Six Sigma Green Belt.

Mr. Valdênio Miranda de Araújo

Senior Projects Technician
Brazilian Agency for Industrial Development

Dr. Jorge Luis Nicolas Audy

Dean for Research and Graduate Studies
Pontifical Catholic University of Rio Grande do Sul



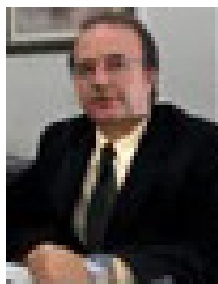
Vice President of Research and Graduate Studies of the Pontifical Catholic University of Rio Grande do Sul, Brazil. Jorge has a PhD in Information Systems from the Federal University of Rio Grande do Sul and has published papers in several journals and conferences such as HICSS, AMCIS, ICEIS, SEKE, CAiSE, WGS/IFIP, etc. The research areas are Software Engineering, IT Project Management, Software Quality and GSD (Global Software Development). Member of professional associations such as AIS, IEEE, PMI, ACM and SBC.

Dr. Jorge Ávila

President
Brazilian National Institute of Industrial Property

Dr. Dario Francisco Guimarães de Azevedo

Dean of International and Institutional Affairs and
Professor at the School of Engineering
Pontifical Catholic University of Rio Grande do Sul



Dario F. Guimarães de Azevedo, a native of Brazil, obtained his doctorate in biomedical engineering in 1996 from the University of Miami. Prior to his degree, he attended the Federal University of Rio Grande do Sul, UFRGS, in Porto Alegre, Brazil, from 1981 to 1983, and the Pontifical Catholic University of Rio de Janeiro, PUC-Rio, from 1975 to 1979. In the United States, he attended George Washington University in 1974 for one year.

During his professional career, Dario has developed activities in the aviation industry and is currently a Professor at the School of Engineering and Dean of International and Institutional Affairs at the Pontifical Catholic University of Rio Grande do Sul, where he was the Director of the Institute for Science and Technology Researchers from 2002 to 2007.

In his current duties at PUCRS, he is an Undergraduate Professor of electrical engineering, mechatronics and computer engineering. He is also a Graduate Professor and Researcher in Electrical Engineering.

Dr. Guimarães de Azevedo has worked at the University of Miami as a visiting professor and is currently working on Research and Development in the Department of Biomedical Engineering in the School of Engineering. In 2007, he was the Associate Secretary and Technical Director of the Ministry of Science and Technology of the State of Rio Grande do Sul. Due to his vast experience in this field, he held the position of Consultant for the World Bank in the year of 2006.

Research Areas: Biomedical Engineering and Digital Signal Processing applied to Health; Medical Imaging; Medical Instrumentation; Space Medicine; Digital Image Processing, Digital Signal Processing of Biological Parameters; Telemedicine; Physiology of the Eye.

Susan Bakewell-Sachs, PhD, RN, PNP-BC

Interim Provost and Vice President Academic Affairs

Professor of Nursing

The College of New Jersey

Program Director, Robert Wood Johnson New Jersey Nursing Initiative, at the New Jersey Chamber of Commerce

BSN, University of Pittsburgh, Pittsburgh, PA

MSN, University of Pennsylvania, Philadelphia, PA

PhD, University of Pennsylvania, Philadelphia, PA

PNP post-master's certificate, University of Pennsylvania, Philadelphia, PA

Susan Bakewell-Sachs is the Interim Provost and Vice President for Academic Affairs at the College of New Jersey, Ewing, NJ, where she also was the Carol Kuser Loser Dean and Professor of Nursing for the School of Nursing, Health and Exercise Science, 2000-2011. Dr. Bakewell-Sachs is a certified pediatric nurse practitioner and a nationally recognized scholar and clinical expert in the care of prematurely born infants. She is also a recognized expert in nursing education.

Dr. Bakewell-Sachs was selected as a 2007-2010 Robert Wood Johnson Foundation Executive Nurse Fellow where her leadership development included focusing on strategic effectiveness and nursing education. She is the director of the New Jersey Nursing Initiative, a multi-million dollar Robert Wood Johnson Foundation program based at the New Jersey Chamber of Commerce, and aimed at assuring that NJ has the diverse and highly qualified nurse faculty and nursing work force needed for health care demands of the 21st century. She is also directly involved with the NJ Action Coalition to implement the recommendations of the IOM Future of Nursing study and report.

As an active member and leader in several national organizations, she chairs the steering committee on the Clinical Nurse Leader for the American Association of Colleges of Nursing and is an expert faculty for the Vermont Oxford Network. She has a strong interest in health policy and health care workforce planning and is an appointed member of the NJ Healthcare Workforce Advisory Council. Dr. Bakewell-Sachs is the neonatal editor of the Journal of Perinatal and Neonatal Nursing. She is a member of the March of Dimes National Nurse Advisory Council, the Association of Women's Health, Obstetric and Neonatal Nurses, the National Association of Neonatal Nurses, and Sigma Theta Tau International.

Ms. Michelle Berger

Sales Director—Latin America and Caribbean
ECHELON



Michelle recently assumed the position as the Sales Director at ECHELON—Utility Markets for Latin America and Caribbean. With 20 years experience in the international market development she has been involved in the Electric Utility Market in Latin America for the past 8 years. Her past experience includes positions with Elster and Itron where she was responsible for Sales of Energy Solutions and Systems in the Brazilian and Latin American utility markets. She has also held positions with Dell Computer and other leading companies in Brazil.

Michelle holds a degree in Business Administration from Pontifícia Universidade Católica do Rio Grande do Sul and an MBA in International Business and Foreign Trade from FGV—Fundação Getúlio Vargas.

Ms. Carla Bonan

Coordenador de Pesquisa
Pró-Reitoria de Pesquisa e Pós-Graduação
Pontifical Catholic University of Rio Grande do Sul

Mr. Edgar Bortolini

Professor—Engineering School

Pontifical Catholic University of Rio Grande do Sul



Edgar Bortolini is a full professor of the Faculty of Engineering at the Pontifical Catholic University of Rio Grande do Sul. Professor Bortolini is also the Head of the Technology Liaison Office at the School of Engineering and a researcher at the same school in the Telecom technology sector, including protocol development and network performance analysis and design.

The Faculty of Engineering at the Pontifical Catholic University of Rio Grande do Sul comprises seven engineering courses and held several research laboratories and design centers, in engineering fields such as Wireless Communications, Wind Power, Energy Efficiency, Essential Oils, Urban Clean Tech Transportation systems, Microgravity and Telemedicine. The School of Engineering also conduct several research developments in collaboration with innovative brazilian companies and the brazilian government following the Triple Helix model.

Dr. Erik Camarano

Chief Executive Officer

Movimento Brasil Competitivo



Economist from the University of São Paulo (USP), with doctorate from the Federal University of Rio Grande do Sul (UFRGS).

Government experience as Rio Grande do Sul State Secretary General (2008-2009), and Executive-Secretary for the Sector Chambers (2007-2008). Chief-economist for Agenda 2020 (2005-2007), Director at Pólo RS—Development Agency (1999-2001), economic advisor for the Federation of Industries-FIERGS (1996-99), and for the Rio Grande do Sul State Treasury (1995-1996). Worked also an economics teacher at the Catholic University-PUCRS (1994-2000). From

2001 to 2005, he lived and worked in Norway.

Mr. Camarano has taught several disciplines—macroeconomics, international economics, and mathematical economics—and worked as a business consultant, economic advisor, and lecturer. He wrote several articles, and published two books: *The International Crisis and its Impacts in Rio Grande do Sul* (2009) and *The Economics of the Real Plan* (1996), as well as the: “Report on the First Deliberative Polling in Rio Grande do Sul State: Career Reform” (Porto Alegre, 2009). He is also a member of the Board of Advisors at the Rio Grande do Sul State Data Processing Company (PROCERGS).

Movimento Brasil Competitivo (Competitive Brazil Movement)

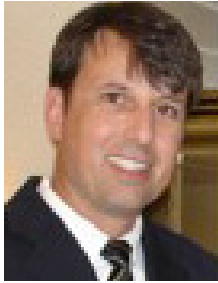
Improving a country’s competitiveness is critical to achieving high living standards for everyone. The Competitive Brazil Movement (MBC) was created in November 2001 to foster Brazil’s competitiveness through concepts, tools, leadership mobilization, and knowledge dissemination. Establishing performance-based management as a value for both public and private sectors is the way to accomplish a permanent transformation towards sustainable development in Brazil. MBC develops projects in the areas of public and private management, innovation, and benchmarking. For further information: www.mbc.org.br.

Mr. Luciano Felipe de Carvalho

Gerente de Informação Técnica e Propriedade Intelectual
Petrobras

Dr. Ricardo Augusto Cassel

Coordinator of the Production and Systems
Universidade do Vale do Rio dos Sinos (UNISINOS)



Ph.D. in Management Science, Lancaster University—UK, M.Sc. in Production Engineering, Universidade Federal do Rio Grande do Sul—Brazil, B.Sc. in Electrical Engineering, Universidade Federal do Rio Grande do Sul—Brazil. Lecturer and Researcher at Universidade do Vale do Rio dos Sinos (UNISINOS)—Brazil, coordinator of the Production and Systems Engineering Graduate Program—Universidade do Vale do Rio dos Sinos (UNISINOS)—Brazil.

Dr. Carlos Cavalcante

Superintendent
Instituto Euvaldo Lodi

Dr. Lin Chih Cheng

Professor, Industrial Engineering Department
Federal University of Minas Gerais



Dr. Cheng is an Associate Professor in the Production Engineering Department of Federal University of Minas Gerais (UFMG), Brazil. He graduated from Mechanical Engineering, UFMG, and obtained his Ph.D in Systems in Management from University of Lancaster, England. He has academic administrative experiences as the Head of Department and as Director of Post-graduate Program. He was one of the founders and past president of Institute of Product Development Management. He was also one of the members who carried out the pioneering work on Total Quality Management led by Fundação Christiano Ottoni during 1988-1997, and was

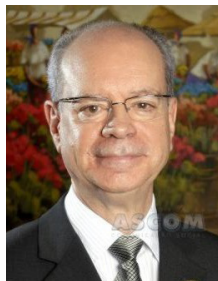
the Coordinator of QFD Group. He is a consultation member of the Coordination of Technology Transfer and Innovation of UFMG. Author of two books on QFD and many published papers in national and international journals and events. He moved to Brazil from Taiwan when he was ten years old and lives in Belo Horizonte with his wife and three children.

Federal University of Minas Gerais (Universidade Federal de Minas Gerais—UFMG) is one of the biggest and most important public universities of Brazil. UFMG has more than 52,000 students and 2,700 lecturers.

Professor Joaquim Clotet

Rector

Pontifical Catholic University of Rio Grande do Sul



Professor Joaquim Clotet, PhD, born in Barcelona, Spain. He earned his PhD in Philosophy from the University of Barcelona. Former professor of History of Ethics at the University of Barcelona where he taught for nine years.

He was appointed Full Professor of Bioethics at the Medical Graduate Program and at the Dentistry Graduate Program of PUCRS in the mid 1980's.

He was appointed President in December 2004, introducing a new type of administration based on quality, entrepreneurship, and innovation.

Mr. Marcus Coester

Managing Director

Agência Gaúcha de Desenvolvimento e Promoção do Investimento (AGDI)



BS in Computer Science from PUCRS, MBA from UFRG. Vast experience in the industrial field business leadership FIERGS, ABIMAQ, ABINEE, SINDIMETAL, ISA, currently President and Managing Director of Agência Gaúcha de Desenvolvimento e Promoção do Investimento (AGDI).

Mr. Juarez Sagebin Corrêa

Administrative Coordinator

Pontifical Catholic University of Rio Grande do Sul



Juarez Sagebin Correa currently works in the International Affairs Office at Pontifical Catholic University of Rio Grande do Sul (PUCRS) and acted as associate dean of the School of Engineering at PUCRS. He conducted his electrical engineering graduate studies at The University of California—Berkeley. Correa's professional activities have included duties as a national corporate superintendent of training and development of a telecommunications company.

PUCRS is the largest private university in Brazil and has been distinguished nationwide due to its high quality of teaching and research, as well as for Tecnopuc, its technology park.

Dr. Jaderson Costa da Costa

Director

Brain Institute

Pontifical Catholic University of Rio Grande do Sul



Education: Graduated in Medicine UFRGS in 1972. Specialization in Neurology, Master in Biological Sciences (Physiology), Master in Biological Sciences (Neuroscience), PhD in Biological Sciences (Physiology) and Research Fellowship in Neurology (Clinical Neurophysiology) at Harvard Medical School.

Academic and Administrative Position: Professor of Neurology, Faculty of Medicine and Director of Brain Institute (InsCer) PUCRS.

Research: Dedicated to research in clinical and experimental epilepsy and bioelectrogenesis. In recent years he has focused his studies on the therapeutic potential of adult stem cells in neurological diseases. More recently has been devoted to the establishment of the Brain Institute (InsCer) at PUCRS.

He published 136 articles in scientific journals, 3 books and 45 chapters and presented 160 papers in scientific conferences and meetings. Over the past 10 years, he supervised 57 master's dissertations and doctoral theses and received 28 Awards as author or co-author of research papers or scientific /academic recognition.

Mr. Jackson De Toni

Director

Brazilian Agency for Industrial Development

Dr. Spiros Dimolitsas

Senior Vice President for Research & Chief Technology Officer

Georgetown University

Spiros Dimolitsas was appointed Senior Vice President for Research & Chief Technology Officer at Georgetown University in July 2011, after serving 10 years as Senior Vice President & Chief Administrative Officer. In this newly created role, he leads the development of science-based innovation alliances, and continues to lead the partnering of Georgetown University with the US National Laboratories in the areas of systems medicine, cyber-operations, global climate, and bio-security. In his previous position, Dr. Dimolitsas was responsible for the leadership, management, and organization of capital projects, facilities, information systems, public safety, emergency management, risk and enterprise continuity, technology commercialization, human resources, employee benefits, student dining and housing services, new construction, real estate, audit, auxiliary services, and business policy planning.

Prior to Georgetown, he served six years as Senior Executive for Engineering and Associate Director of the Lawrence Livermore National Lab (LLNL), leading a 2,500-person division responsible for: the engineering design of the world's largest laser facility; the refurbishment of the W-87 nuclear warhead; and the design, fabrication and fielding of systems for environmental, energy and national security applications. Before joining LLNL, Dr. Dimolitsas held a variety of management positions with the Communications Satellite Corporation where he pioneered technology related to voice and data communications over hybrid networks.

Dr. Dimolitsas holds a B.S. in Physics with Honors from Sussex University in England; a M.S. in Nuclear Engineering from Imperial College and Queen Mary College –London; and a Ph.D. in Electrical and Computer Engineering from Sussex University. He has published more than 60 peer reviewed scientific papers and holds eight patents in the field of data and encrypted mobile communications.

Mr. Chad Evans

Senior Vice President
Council on Competitiveness



Chad, a recognized expert in global competitiveness, currently leads several core initiatives: The Technology Leadership and Strategy Initiative (TLSI) engages more than 50 Fortune 500 chief technology officers to understand technology investment drivers and strategies at the heart of US prosperity. Led by the CTOs of GE, the Lockheed Martin Corporation and Deere & Co., the TLSI is working to establish a new paradigm for collaboration between the public and private sectors to optimize America's investments in research, talent and technology.

The Global Innovation Initiative facilitates CEO-level dialogues with key global partners and new-to-the-world business partnerships. In 2005, Chad led the first US-EU Innovation Summit and US-Japan Innovation Summit. In 2007, he developed and managed the first US-Brazil Innovation Summit. In 2008, he created a first-ever series of US-Brazil Innovation Learning Laboratories—C-suite, multi-sector, multi-stakeholder, multi-day workshops across both countries aimed at catalyzing mutually beneficial business and research partnerships between the Western hemisphere's two largest economies. And over the past 3 years, he has hosted more than a dozen US-Brazil Innovation Learning Labs. In September 2010, he led the Council's 2nd US-Brazil Innovation Summit with the Chairman and CEO of Deere & Co. and the President of Georgetown University.

Chad also led the creative team responsible for the 2004 National Innovation Initiative Summit and Innovate America—the nation's first private-sector innovation agenda, chaired by the Chairman and CEO of IBM, and the President of the Georgia Institute of Technology. In addition to managing the Council's 20th Anniversary in 2006, since 1996, Chad has spearheaded, along with Professor Michael E. Porter of the Harvard Business School, the Council's flagship publication, *The Competitiveness Index*—a quantitative benchmarking exercise documenting US economic performance. And this year, Chad has launched a new Economic Advisory Committee—working with more than 40 Fortune 500 chief economists, led by the chief economist of FedEx—to identify the 21st century's next big productivity drivers.

Chad is a 2007 US German Marshall Fund Fellow. He holds a Master's of Science from the Georgetown University School of Foreign Service, an Honors concentration in International Business Diplomacy from Georgetown's Landegger Program, and a BA in international affairs from Emory University. He serves as the Treasurer for the Global Federation of Competitiveness Councils—as well as sits on the Lawrence Livermore National Laboratory Industry Advisory Council and the World Economic Forum's Advisory Board on Russian Competitiveness. He has served on the Georgetown University MSFS Admissions Committee.

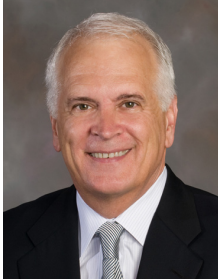
E-mail: cevens@compete.org and chadevans1019@me.com

LinkedIn: <http://www.linkedin.com/pub/chad-evans/0/182/987>

Twitter: @chadevans1019

Mr. Thomas A. Farrell

Vice Provost for Global Engagement
University of Nebraska



Thomas A. Farrell is Vice Provost for Global Engagement at the University of Nebraska. He is responsible for coordinating the international engagement strategy for the four university campuses in Lincoln, Omaha, Kearney and the Medical Center in Omaha.

From 2002 until January 2009, he served in the U.S. Department of State as Deputy Assistant Secretary of State for Academic Programs in the Bureau of Educational and Cultural Affairs. In that position he was responsible for: higher education exchanges such as the Fulbright Fellowships for students, advanced researchers, university faculty and school teachers; negotiating overseas about international higher education policy; promoting U.S. higher education; and language acquisition including English programming outside the United States.

He worked at the Institute of International Education (IIE), America's oldest and largest international education nongovernmental organization, from 1987 until 2002, serving for most of that time as Vice President for Exchange Programs and Regional Services.

Prior to joining IIE, he worked as a U.S. Foreign Service Officer from 1978 until 1987 in Washington as Special Assistant to Secretary of State George P. Shultz, in the State Department's Operations Center and in the Secretary's Secretariat, as well as abroad at the American Embassies in Tehran, Iran and Ottawa, Canada.

Mr. Farrell worked as a Peace Corps Volunteer in India and later was awarded a student Fulbright Fellowship to Pakistan in 1976 while a graduate student at the University of Michigan.

Dr. Antônio Ferreira

Professor
Federal University of Bahia

Ms. Gabriela Ferreira

Coordinator for Innovation
Pontifical Catholic University of Rio Grande do Sul



Dr. Gabriela Cardozo Ferreira has a degree in Agronomy (1992), Master in Economics (1996) and Ph.D. in Business Administration from Federal University of Rio Grande do Sul, Brazil (2002). She is currently a professor at the Catholic University of Rio Grande do Sul and researcher in the field of Strategy, Competitiveness, Innovation and university-industry relations and coordinates research projects related to Innovation Management. She also acts as ad hoc consultant of the Foundation for Research Support of Rio Grande do Sul, CNPq and CAPES and is Coordinator of Innovation at PUCRS and Coordinator of the INOVAPUC Network.

INOVAPUC is the network that links all the actors, actions and mechanisms related to the innovation process at PUCRS (Catholic University of Rio Grande do Sul). The aim is to improve the innovation process in order to give responses to society's demands using the knowledge inside the university. This way, the relationship between society and university can be in two ways: real problems can start new research and research results can be used to solve real problems.

Mr. Gustavo Ferreira

Founder

GBA SOLUÇÕES ENGENHARIA (SC Coating)

Mr. André Stringhi Flores

Researcher in Technological Innovation, Nanotechnology and Innovation

JUSNANO Group/UNISINOS



André Stringhi Flores is a researcher in technological innovation, nanotechnology and innovation management, managing the Competitiveness Forum on Nanotechnologies, part of the Council of Regulatory Frameworks and Market by the Ministério do Desenvolvimento, Indústria e Comércio Exterior, aiming at the promotion of nanotechnologies in Brazil. He was honored at Palace of the Government State of São Paulo with the 2nd Place in the National Environmental Law Award “José Bonifácio de Andrada e Silva”, organized by IDPV (Instituto o Direito por um Planeta Verde), whose award-winning monograph had a central theme of contributing to the promotion of nanotechnology in a sustainable manner in Brazil. He was a Scientific Initiation scholar between 2008 and 2011 in the graduate program in law at the Universidade do Vale do Rio dos Sinos, dedicated to the production of scientific knowledge focused on the strategic management of innovation in companies through the tax benefits of research and development (R&D) and also regulatory nanotechnologies frameworks. He is the author of the first law book on nanotechnology in Brazil, together with professors from the Law Department of Unisinos, Master André Rafael Weyermüller and Wilson Engelman, Ph.D. Flores has several publications focused on innovation, especially in nanotechnologies, has participated in various national and international congresses, and has studied extensively at the Universities of Salamanca (Spain) and of Durham (England). He serves as and advisor of technological innovation for several companies in the state of Rio Grande do Sul, managing strategic innovative activities, especially in R&D, through the NANOLAW company: Business Consulting in Innovation, founded by the candidate, gathering a multidisciplinary team with the scope of promoting innovative activities in the companies of the state of Rio Grande do Sul, in the movement of Triple Helix, highlighting companies in the chain of the leather and footwear sector.

Mr. Marco Aurélio Franceschi

Director of Infrastructure and Energy

Agência Gaúcha de Desenvolvimento e Promoção do Investimento

Mr. Nelson Fujimoto

Secretary for Innovation

Ministry for Development, Industry and Foreign Trade



Worked in the formulation and execution of Public Policy, at the Municipal, State and Federal levels. Was Director General and Substitute State Secretary of the Ministry of Science and Technology of the State of Rio Grande do Sul, Secretary of Administration of Diadema State of São Paulo, Digital Inclusion Special Adviser of the Office of the President, Secretary of Telecommunications at the Ministry of Communications, and currently is Secretary of Innovation of the Ministry of Development, Industry and Foreign Trade. Master in Human Geography from the University of Sao Paulo.

Mr. Claudio Gastal

Executive Secretary

Chamber for Performance, Management and Competitiveness

Government of Brazil

Ms. Thaise Graziadio

Project Manager

Instituto Euvaldo Lodi

Ms. Vergínia Cruz Guerreiro

Institutional Relations Manager

Votorantim Industrial S.A.

Ms. Renata Guinther

Departamento de Investimento em Fundos

Área de Investimentos

Finep—Financiadora de Estudos e Projetos

Ministério da Ciência, Tecnologia e Inovação



Renata Gunther is the Deputy Chief for the Investment Funds Department at the Brazilian Innovation Agency (Finep). Renata worked three years as a stock analyst for Previ and another three years as an investment fund analyst at Petros, the two largest Brazilian pension funds.

She is an economist and business administrator from the Fluminense Federal University (UFF) and has a graduate degree in Business Economics. She was trained in valuation, stock options assessment and entrepreneurship at Pontifical University of Rio de Janeiro (PUC-Rio) and on venture capital and private equity management by the Private Equity International Media.

Mr. Carlos Hilgert

Hangar 3 Aeronaves

Dr. Klaus Hoehn

Vice President, Advanced Technology and Engineering
Deere & Company



Klaus G. Hoehn is Vice President, Advanced Technology and Engineering, a position he has held since January 2006. He is responsible for directing advanced technology development and engineering services that support worldwide agricultural, construction, and commercial and consumer equipment design and manufacturing.

Hoehn joined Deere & Company in 1992 as Manager, Engineering, at John Deere Werke, Mannheim, Germany. He transferred to the company's Product Engineering Center in Waterloo, Iowa, in 1997, where he served as Manager, Worldwide Core Technology and Component Engineering. In 1998, Hoehn was named Director, Worldwide Tractor and Component Engineering.

He is a member of VDI, the German engineering association, and a previous board member of VDI's Max-Eyth-Society. Hoehn is also a member of the Society of Automotive Engineers, a member of the SAE Board of Directors, and a member of SAE Foundation Board of Trustees. He additionally serves on the Iowa State University IPRT Industrial Advisory Board, Iowa State University ABE Advisory Council, and the University of Michigan NAC Advisory Board. Hoehn received bachelor's, master's, and doctorate degrees in mechanical and agricultural engineering from Rostock University in Germany.

Dr. Ravishankar K. Iyer

Vice Chancellor for Research
University of Illinois at Urbana-Champaign



Ravishankar K. Iyer is Interim Vice Chancellor for Research at the University of Illinois at Urbana-Champaign, where he is a George and Ann Fisher Distinguished Professor of Engineering. He holds appointments in the Department of Electrical and Computer Engineering and the Department of Computer Science and his previous post was the Director of the Coordinated Science Laboratory (CSL) at Illinois. Professor Iyer also serves as Co-Director of Illinois' Center for Reliable and High-Performance Computing at CSL and Chief Scientist at the Information Trust Institute.

Iyer's research interests are in the area of dependable and secure systems. He has been responsible for major advances in the design and validation of dependable computing systems. He currently leads the TRUSTED ILLIAC project at Illinois, which is developing application-aware adaptive architectures for supporting a wide range of dependability and security requirements in heterogeneous environments. Professor Iyer has a broad outreach to industry and government, both nationally and internationally, having worked with several major vendors.

Professor Iyer is a Fellow the AAAS, the IEEE and the ACM. He has received several awards including the Humboldt Foundation Senior Distinguished Scientist Award for excellence in research and teaching, the AIAA Information Systems Award and Medal for "fundamental and pioneering contributions towards the design, evaluation, and validation of dependable aerospace computing systems," and the IEEE Emanuel R. Piore Award "for fundamental contributions to measurement, evaluation, and design of reliable computing systems."

Dr. Ray Johnson

Senior Vice President and Chief Technology Officer
Lockheed Martin Corporation



Dr. Ray O Johnson, a global executive focused on diversity and innovation, is the Senior Vice President and Chief Technology Officer of the Lockheed Martin Corporation. As an Officer of the Corporation and a member of the executive leadership team, Dr. Johnson guides the Corporation's technology vision and provides corporate leadership in the strategic areas of technology and engineering, which include more than 65,000 people working on more than 4,000 programs that provide some of the nation's most vital security systems. He has a proven track record in managing large P&L organizations, strategic planning, program development, program management, and venture capital funding.

Dr. Johnson currently serves as a member of the Sandia Corporation, National Math and Science Initiative, and Hispanic College Fund Boards of Directors. He is a member of the Governing Board of the Indo-US Science and Technology Forum and a sponsor of the DST-Lockheed Martin India Innovation Growth Program. Dr. Johnson is on the US National Institute of Standards and Technology (NIST) Technology Innovation Program (TIP) Advisory Board. He is on the Board of Directors of the Northern Virginia Technology Council and the Virginia Center for Innovative Technology. He is also a member of the Virginia Innovation and Entrepreneurship Investment Authority and the Maryland Federal Facilities Advisory Board. He is a member of the Board of Visitors for the A. James Clark School of Engineering at the University of Maryland, on the Dean's Advisory Council for the College of Engineering at Carnegie Mellon University, and the chairman of the USA Science and Engineering Festival's Advisory Board.

He is a Full Academician of the International Academy of Astronautics (IAA), a Fellow of the International Society for Optical Engineering (SPIE) and the American Institute of Aeronautics and Astronautics (AIAA), a senior member of the Institute of Electrical and Electronics Engineers (IEEE), and a member of Eta Kappa Nu, Tau Beta Pi, and Phi Kappa Phi. He Chairs the Council on Competitiveness Technology Leadership and Strategy Initiative.

During the 2011 World Economic Forum Annual Meeting, he served on The Science Agenda in 2011 Session, where he represented industry. The panel discussed the trends and norms facing the global science agenda. Dr. Johnson stressed the need for bold investments in scientific research and development, global collaboration and innovation, and new business models that keep pace with rapidly changing technology. He summarized by stating that we do not have the scientific underpinnings to solve many of the world's most challenging problems. He currently serves as Vice-Chair of the World Economic Forum's Global Agenda Council on Space Security.

Dr. Johnson holds B.S., M.S., and Ph.D. degrees in Electrical Engineering.

Dr. João Alziro Herz da Jornada

President
INMETRO



João A. H. da Jornada has been the President of Inmetro (the Brazilian National Metrology Institute) since December 2004 and served as the Director for Scientific and Industrial Metrology from 2000 to 2004.

He is Full Professor of Physics at the Federal University of Rio Grande do Sul, Brazil, where he received his PhD in Physics in 1979 with honour degree. He is an active researcher in the fields of solid state physics, materials science, high-pressure physics and superhard materials, having about 90 papers published in indexed journals. He is a member of the Brazilian Academy of Sciences and

Fellow of the TWAS (Academy of Sciences for the Developing World, Trieste, Italy).

He was awarded in Brazil with the Grand Cross of National Order of Scientific Merit, the Aeronautic Order of Merit, the Order of Rio Branco and the Fapergs prize for Outstanding Researcher in the Field of Physics and Astronomy.

Dr. Susana Kakuta

Director of the Innovation and Technology Unit (UNITEC)
Universidade do Vale do Rio dos Sinos
(UNISINOS); and
CEO
TECNOSINOS—Technology Park São Leopoldo



Susana Kakuta is a sociologist with a doctorate in Sociology and International Relations from the Universidad Complutense de Madrid . She has authored several publications in the areas of Social and Economic Trends and Industrial Competitiveness. In her acting career as an executive of companies: Executive Manager of the Competitiveness Unit at the Brazilian National Confederation of Industry for nine years, Technical Director of SEBRAE - Brazilian Service to Support Micro and Small Enterprises, and recently chaired the Development Bank of the State of Rio Grande do Sul - CaixaRS. She is currently the Director of the Innovation

and Technology Unit - UNITEC of UNISINOS - Universidade do Vale do Rio dos Sinos and CEO of TECNOSINOS - Technology Park São Leopoldo. The TECNOSINOS is considered by ANPROTEC - Brazilian Association of Technological Parks as the best technology park in Brazil.

Dr. João Marcelo Ketzer

Coordinator

Brazilian Carbon Storage Research Center; and

Professor

Pontifical Catholic University of Rio Grande do Sul



J.M.Ketzer graduated in Geology (1994) in the Federal University of Rio Grande do Sul and got his Master degree in Geosciences (1997) from the same university. He obtained a Ph.D. degree in Mineralogy, Petrology and Tectonics (2002) from the Uppsala University, Sweden and conducted post-doctoral work on CO₂ storage in mature oil fields (2003) with the French Petroleum Institute. Currently, he is associated professor of the Pontifical Catholic University of Rio Grande do Sul (PUCRS), and head coordinator of the Brazilian Carbon Storage Research Center (CEPAC). J.M. Ketzer is permanent member of the post-Graduate

Program on Engineering and Material Technologies and the post-Graduate Program on Economy of PUCRS, and researcher of the National Research Council (CNPq). His main research interests are: (1) Stratigraphy and petrology of sandstone reservoirs applied to hydrocarbon and groundwater exploration and CO₂ storage; (2) unconventional sources of fossil fuels such as gas hydrates and coal bed methane; (3) clean technologies for the use of fossil fuels such as carbon capture and storage.

CEPAC: Centre of Excellence in Research and Innovation in Petroleum, Mineral Resources and Carbon Storage.

Mr. Claudionel de Campos Leite

Coordinator, Capital Goods and Health Industry Unit

Brazilian Agency for Industrial Development

Dr. Mauro Borges Lemos

President

Brazilian Agency for Industrial Development; and

Professor, Federal University of Minas Gerais



Mauro Borges Lemos is an economist with a doctorate in economics from the London University. He was a postdoctoral fellow at the University of Illinois and the University of Paris. Mauro Borges Lemos is a full professor at the Federal University of Minas Gerais, in Brazil, where he held different positions and served as General Director for the Center for Regional Development and Planning (Cedeplar). He served as board member for different Brazilian and international professional and research societies.

Appointed by President Dilma Rousseff, Mauro Borges Lemos became the President of the Brazilian Agency for Industrial Development in February 2011. Before taking his current position, he served as technical consultant on different ABDI projects, supporting the design, analysis and assessment of the previous versions of the Brazilian industrial policy. In his current capacity, he led the design of Brazil's new industrial policy, launched by President

Rousseff on August 2nd, 2011. As part of his duties at ABDI, he's the Executive Secretary for the National Council for Industrial Development (CNDI), which gathers senior Brazilian civil society representatives and ministers.

Mauro Borges Lemos also chairs the board of the Belo Horizonte Tech Park—bh.tech.

Dr. Leandro Lemos

Director—Entrepreneurship Management Agency
Pontifical Catholic University of Rio Grande do Sul



Key qualifications:

- Business development specialist with deep experience in developing and implementing strategies, economic feasibility studies, the scope of environmental, cultural, social, economic and governance.

Professional Experience:

- Director of Agency Development and Management PUCRS since 2010;
- Coordinator of the Department of Economics PUCRS August 2005 to Dec 2009;
- Project Coordinator Business Plan RENOBRA, \$ 1 billion.
- Structuring business HYATT / PUCRS - Hotel of 144 housing units in central campus.
- Project Coordinator BRAZILIAN TOURIST INVENTORY / Ministry of Tourism / PUCRS;
- Project Coordinator economic feasibility study, technical, commercial and environmental airmobile: trunk / PUCRS will be implemented in the laboratory with a total length of 2.3 km.
- Project Coordinator PUCRS TRI: electronic ticketing system that is being implemented in urban public transport in Porto Alegre;
- Coordinated the project REASON WHATSOEVER YOU DO MORE WITH A WORLD ECONOMY. Sustainability Award 2007 sponsored by the BEST UNIVERSITIES Student Guide / Royal Bank competing with 398 other projects from 153 Higher Education Institutions.
- Director of Job & Labor - Business Development - J & L (Porto Alegre, mar/1989 to date, accounting for the areas of strategic management and direction of projects, coordinating 18 top-level consultants. Consultant expert on economic development and strategic with deep experience in developing and implementing strategies for companies.
- It is PUCRS professor for twenty-one years in the Department of Economics, teaching the disciplines of Economics and Tourism Development Project II and Analysis of Financial Economics and Business, Economics Industrial Project Evaluation and Economic Consulting in undergraduate and Economics Strategy, Economics and Finance Strategies for Local Development and Tourism in graduate school.
- President of Cithara - Research Centre for Tourism and Hospitality: non-governmental organization that brings together experts in tourism in the R's and develops projects in this scope.
- Technical Consultant-in Integrated Development Plan for Sustainable Tourism of Rio Grande do Sul / South PRODETUR-in period 07/2003 to 11/2003 for the Ministry of Tourism, resulting in flow analysis and profile of tourists and building methodology that resulted in the design of socio-economic and environmental tourism for the purpose of enabling the IDB financing for South-PRODETUR amounting to U.S. \$ 100 million.
- Consultant-developer of the project economic feasibility to implement in Theme Park Park Sirotsky

Nephew Mauritius to the Department of Environment of the Municipality of Porto Alegre (Porto Alegre, 2001), 5 researchers coordinating and developing the team of architects office the project is being implemented in the park.

- Member of Scientific Committee of the Forum Barcelona 2004 in the area of Sustainable Development and Cultural Diversity. Only Latin American to be part of this committee. It was a panelist on the theme Sustainable Development, President of the tables, and reporter's official forum to become a brand to have gathered more than 4 million people from April to November 2004.
- Project Director of Strategic Restructuring Group SA shares SULTRAN covering transportation companies passenger SOUL, NPV and Palmer (Porto Alegre and Dawn, the fev/1993 Mar/2004), which involved more than 1,400 employees and resulted in corporate restructuring (reducing 25% of its costs) in the implementation of the system of quality management and strategic planning.
- Project Coordinator fleet renewal of the City of Sao Sebastiao do Cai (Sao Sebastiao do Cai, 1994), working with a consultant and associate staff of the Municipality, the results have created technical and economic criteria that are used today to evaluate fleet and logistics.
- Consultant in the design of logistics for the company DallaValle (Cano, 1992), developing programming and control of freight logistics.
- Project Consultant Termolar 1989 to 1991.
- Professor at the University of Caxias do Sul - UCS 2001 to 2003.
- Professor at the University of West of Santa Catarina - UNOESC in 1998.
- Professor at the University of Santa Cruz do Sul - UNISC in 1990 and 1991.
- Teacher Unit Integrated Taquari Valley Higher Education - UNIVATES between 1988 and 1990.
- Teacher of the Lutheran University of Brazil - ULBRA between 1989 and 1990.

Academics:

- Course: PhD in Communication Sciences / Tourism
- Institution: University of São Paulo, USP, São Paulo, Brazil
- Thesis: The value of sustainable tourist economy
- Start: 1999; End: 2001.
- Course: MSc in Industrial Economics
- Institution: Federal University of Rio Grande do Sul, UFRGS, Rio Grande do Sul, Brazil
- Dissertation: An analysis of the crisis in the RS: 1955-1985.
- Start: 1988; End: 1993.
- Course: Degree in Economics
- Institution: Federal University of Rio Grande do Sul, UFRGS, Rio Grande do Sul, Brazil
- Start: 1983, End: 1987.

Mr. Jorge Lima

Technical Consultant
Lifemed

Mr. Peter Luger

Chief of Staff to the Senior Vice President and Chief Technology Officer
Georgetown University

Ms. Adriana Machado

Government Affairs Director

General Electric Corporation—Brazil



Adriana Machado was born in Brazil, in the city of Niteroi, State of Rio de Janeiro. She holds a Bachelor's Degree in Political Science from the University of Brasília, UNB (1991).

Adriana started her career as a Research Assistant working on projects from the Institute of Applied Economic Research (IPEA), Institute of Political Studies (IDESP), and Ford Foundation. She worked as a UNDP Consultant at the Secretariat of Strategic Affairs of Presidency of the Republic, and as a Political Advisor at the United States of America Embassy in Brasília. From 2001 to 2007 she worked for the American Chamber of Commerce for Brazil in São Paulo (Amcham), where she occupied several positions, the last one being Strategic Affairs Director, in which she was responsible for the government relations and international relations areas, the Arbitration Center and the Brasília office. From 2007 to 2009 she acted as Government Relations Director for Intel Semicondutores do Brasil.

Since July 2009, she has been the Government Affairs Director for GE in Brazil.

Adriana is married and has two children.

Mr. Ernani Jardim de Miranda Machado

Founder

JMMTECH

Mr. Guilherme Masseroni

Founder

GETWAY TECNOLOGIA

Mr. Daniel Márcio de Medeiros

Founder

Innovare Technologies Ltda.

Mr. Marco Migliavacca

Executive Manager System (Web, Mobile)

Grupo RBS



Marco Migliavacca leads the development of digital products for the RBS Group, where a new methodology (agile) which adds the greatest value to business in the shortest time possible is being implemented. This work is important because the company's expansion is based on the growth of digital businesses. The team consists of more than 80 professionals from various fields of knowledge.

Professional activity: Grupo RBS, Executive Manager System (Web, Mobile) (May 2010 - today), Product Manager (Web) (August 2008–April 2010), Business Analyst (Web) (January 2006–July 2008), Business Analyst (ERP) (January 1995–January 2006). Others: PPCP Analyst and Supply Chain Consulting

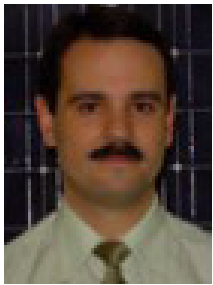
Migliavacca has a Masters of Business Administration in project management from Fundação Getulio Vargas.

Grupo RBS is a multimedia communications company, operating in Rio Grande do Sul and Santa Catarina states. Founded by Mauricio Sirotsky Sobrinho on August 31, 1957, in Porto Alegre, the group pioneered the Brazilian regional television model and is Globo Network's oldest affiliate. Currently, it has more than 6,700 personnel, with multimedia branches and offices in Parana, São Paulo, Rio de Janeiro and Federal District.

The Grupo RBS multimedia platform includes 21 television stations, 25 radio stations, eight newspapers, four Internet portals, one events company, mobile marketing business, rural segment business, ticketing and e-commerce business, one publishing house, one recording studio, one logistics company, and the Maurício Sirotsky Sobrinho Foundation.

Dr. Adriano Moehleck

Coordenador—Núcleo de Tecnologia em Energia Solar
Pontifical Catholic University of Rio Grande do Sul



Adriano Moehleck received a Bachelor of Science in physics and a Master of Science in mechanical engineering from Federal University of Rio Grande do Sul (UFRGS), Porto Alegre, Brazil, in 1987 and 1991, respectively. He obtained a Ph.D. degree in telecommunication engineering in 1996 from Polytechnic University of Madrid (UPM), Madrid, Spain. In 2002, he received a National Prize (Young Scientist Award) for contributions to a cost effective process to produce silicon solar cells. Dr. Moehleck is presently an associate professor at the Catholic University of Rio Grande do Sul (PUCRS), Porto Alegre, Brazil, where he is teaching

undergraduate and graduate courses. His current research interests include the development of cost effective silicon solar cells process fabrication and PV modules and systems.

Mr. Jason Moore

Technical Assistant
Lockheed Martin Corporation



Jason Moore is the Technical Assistant to Dr. Ray O Johnson, Chief Technology Officer and Senior Vice President of the Lockheed Martin Corporation. Previously, he was the Program Manager Lockheed Martin's Technology Strategy team where he was responsible for overseeing the execution of programs and initiatives pertaining to cutting edge technologies and research. He joined Lockheed Martin as Operations Chief Engineer for the GeoScout National System for Geospatial-Intelligence (NSG) programs, which provides critical geospatial intelligence to users on classified networks around the world. Jason oversaw operations and

ensured future operational deliveries success.

Prior to joining Lockheed Martin, Jason was a senior engineering with BAE Systems on the GeoScout program. Soon after joining the program, he assumed a Release Manager position for a major delivery to the customer. He became part of the Block One Closure Leadership Team in 2006 and given responsibility for the datacenter readiness and deployment to the customer site. In the commercial sector, Jason worked with Care Fusion, a healthcare wireless software development

startup, as the IT Manager/Field Engineer in 2002. He was responsible for corporate IT systems as well as oversight for deployments and training of production systems at customer sites. He moved to the Washington DC area to work with ORBIMAGE, a commercial imagery company, as an Image Analyst. He assumed responsibility as the Information Technology Manager and Webmaster, managing corporate IT systems, as well as production ground systems.

Jason began his professional career at Roffers Ocean Fishing Forecasting as an Image Analyst, investigating High Resolution Picture Transmission (HRPT) imagery for water mass boundaries to determine the location of pelagic fish populations for recreational and commercial fishing both domestically and internationally. He also was the Information Technology lead, diagnosing computer software and hardware problems, and introduced efficiencies in the analysis process utilizing technology to reduce production costs.

Mr. Moore holds a MBA from Virginia Tech, and bachelor's degree in geography meteorology from Indiana University.

Mr. Roberto Astor Moschetta

Director of Science and Technology Park—TECNOPUC
Pontifical Catholic University of Rio Grande do Sul



Bachelor in Business Administration and specialist in Management and Software Engineering by the Universidade Federal do Rio Grande do Sul (UFRGS). Specialist in Marketing by the Fundação Getúlio Vargas (FGV). Specialist in Innovation Habitat Management by the Fundação Instituto de Administração (FIA /USP). Master in Business Administration by the Pontifícia Universidade Católica do Rio de Janeiro (PUCRJ). More than 25 years managing Information Technology public and private companies. Over 20 years teaching in the Pontifícia Universidade Católica do Rio Grande do Sul (PUCRS). Director of Science and

Technology Park—TECNOPUC. Operates in the areas of Organizational Development, Planning, Strategic Management and Innovation.

The TECNOPUC—PUCRS' Scientific and Technological Park—represents an opportunity for the magnifying of its research and developments project with companies, stimulate innovation and the entrepreneurship, and a field for its researchers to act with applied research.

The objective of TECNOPUC, is to insert PUCRS directly in the process of techno-economic-social development of the region and the country. Additionally, the initiative also considered to:

- Attract companies of Research and Development (R&D) to work in partnership with the University;
- Promote the creation and the development of new technological based companies;
- Attract technological research and developments projects;
- Stimulate the innovation and the university-organization interaction;
- Generate synergy between the academic and business fields;
- Co-ordinate act with the governmental spheres (local, state and federal).

TECNOPUC can be visualized as an innovation environment that promotes the creation of value through the exploration of changes between the University, companies and the government. Since the beginning, the idea of transference of technology from universities to companies was substituted by a wider vision that enclosed a continuous bidirectional exchange between the partners.

Dr. Ronaldo Mota

Secretary

Secretariat of Technological Development and Innovation



Ronaldo Mota, presently, is the National Secretary for Technological Development and Innovation of the Brazilian Ministry of Science, Technology and Innovation (since 2009), Full Professor at the Physics Department from Universidade Federal de Santa Maria (since 1982) and also Scholarship Productivity Researcher from CNPq (Research Brazilian Agency). He obtained his Diploma in Physics from Universidade de São Paulo (1976), Master in Sciences from Universidade Federal da Bahia (1978) and Doctor in Sciences from Universidade Federal de Pernambuco (1984). He carried out his Postdoctoral Training at the University of British Columbia-Canada (1985) and at the University of Utah-USA (1993). During his career he has focused on the Modelling and Simulation of Material Sciences, acting on the following subjects: Magnetism, Superconductivity, Semiconductors, and, recently, his main area has been Funcionalization of Carbon Nanotubes. In Education his main subjects are: New Technologies Applied to Education, Higher Education, e-Learning and Innovation in Education. Formerly, he worked as National Secretary for Higher Education (2008), as National Secretary for Distance Education (2007) at the Brazilian Ministry of Education, where he also served as Interim Minister of Education (2006). Ronaldo Mota holds the title of Commendator (2008) and promoted to the Grã-Cruz Class (2010) for the National Order of Scientific Merit awarded by the Brazilian President of Republic.

Mr. Heitor José Müller

President

Industrial Federation of the State of Rio Grande do Sul

Dr. Miguel Antônio Cedraz Nery

Manager

Brazilian Agency for Industrial Development

Dr. Guilherme Oliveira

Coordinator—CEBio

Genomics and Computational Biology Group

Dr. Renato de Oliveira

Technical Counselor

Lifemed

Ms. Lilian Garcia Orofino

Senior Regulatory Affairs Manager—Latin America

Boston Scientific do Brasil

Lilian Garcia Orofino has a Bachelor's degree in Pharmacy and Biochemistry and has over 20 years of experience in multinational industries in the medical device and pharmaceutical sectors. She is currently working with Regulatory Affairs and Quality Assurance, Operations and Logistics, Marketing, Technical Training, Sales, Chemical and Microbiological Quality Control in Production.

Mr. Luiz Castro e Paula

General Electric Corporation

Dr. Carlos Eduardo Pereira

Professor and CITEC Counselor

Federal University of Rio Grande do Sul



Carlos E. Pereira received the Dr.-Ing. degree in electrical engineering from the University of Stuttgart, Germany in 1995, the MSc degree in computer science in 1990 and the B.S. degree in electrical engineering in 1987, both from the Federal University of Rio Grande do Sul (UFRGS) in Brazil. He is a Council member of the International Federation on Automatic Control - IFAC (2011-14) and has acted as Chair of the Technical Committee on Manufacturing Plant Control (TC 5.1) from 2005-2011. Past President of the Brazilian Automation Society (2009-2010) and President of the SBA Council. He acted as Technical Director for CETA – an

Applied Research Center, whose goal is to promote collaborative research work between academia and industry, focusing on the areas of industrial automation, information and communication technologies, and optimization of production processes, following the Fraunhofer operation model. From 2000 to 2001 he was a visiting researcher at the United Technologies Research Center (UTRC) in Hartford/CT USA, where he acted as Group Leader of the Embedded Information Devices Group and has coordinated a group of 15 research engineers involved with research projects for United Technologies companies, such as Carrier, Otis, Pratt and Whitney, Sikorsky and UT Fuel Cells. At UTRC he worked on a building automation project for new facilities at MIT Media Lab, on which a framework for integrating appliances such as elevators and air conditioners was proposed.

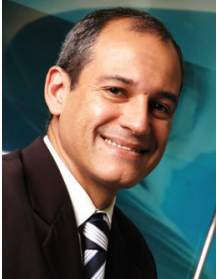
Prof. Pereira is also a Researcher Level 1 from CNPq, a Brazilian Research Agency. His research focuses on methodologies and tool support for the development of distributed real-time embedded systems, with special emphasis on industrial automation applications and the use of distributed objects over industrial communication protocols. He has worked on several research projects in collaboration with industry, mostly dealing with the development of real-time computer-based systems. He is also an Associate Editor of the Journals "Control Engineering Practice" – Elsevier. He has more than 250 technical publications on conferences and journals and has acted as member of International Program Committees for several conferences in the field of industrial automation, manufacturing, industrial protocols, and real-time distributed object computing.

The Federal University of Rio Grande do Sul (UFRGS) is one of the five largest and most qualified universities in Brazil. It is considered one of the most important higher education institutions in Latin America. The UFRGS International Campus is a platform for the development of integrated actions of internationalization, through which UFRGS strategically consolidates and expands its international cooperation.

The UFRGS International Campus is founded on the concept of a university in the world and for the world, a university promoting academic, scientific and cultural cooperation with several countries, in a multilateral consortium and supranational instances through international public and private partnerships. UFRGS proves its excellence by promoting an educational system that is consistent with emerging models of higher education for the 21st century, which give priority to creativity, innovation and autonomy. (<http://paginas.ufrgs.br/reinter/english>)

Mr. Roberto Prado

Director of National Competitiveness Brazil
Microsoft Corporation



Prado is a ten-year Microsoft veteran. Currently, he assumed the position of National Competitiveness Director, being responsible for Microsoft's strategy for the contribution of Brazil's Competitiveness. He spent the last year as CPE Lead and other 5 years as the Compete Lead and CSI Lead for Brazil. Prado is well recognized, both locally and internationally, as a reference in this area. He had, as main focus, the study and development of strategies related to open source, interoperability and security. He also served as Manager of Vertical Services at Finance of Microsoft Services Brazil, where he was responsible for SPB (Brazilian Payment System) project management of Itaú conglomerate. Adding to that, he was professor of Fundace (FEA USP Ribeirão Preto) in MBA course.

Mr. Alexey Prazdnichnykh

Managing Director
Strategy Partners Group



Alexei Prazdnichnykh is a managing director at The Eurasia Competitiveness Institute (ECI), competitiveness and economic development think tank, and a board member of OPORA Russia, leading Russian business association. He has led and participated in several research and multi-stakeholder policy initiatives, including Russia Cluster Mapping Initiative; Barometer of Entrepreneurship & SME; Competing for the Future Today: Agenda for New Russian Innovation Policy. He coordinates the World Economic Forum (WEF) Global Competitiveness Program in Russia.

He is a partner at Strategy Partners Group. He leads Public Sector Practice and has participated in advisory engagements with focus on competitiveness, economic development and public sector productivity issues. He has worked with sub-national regions/city and federal government organizations, international organizations, leading business associations and private companies on cluster/sector competitiveness; regional economic development; entrepreneurship & SME policy; industrial park & free economic zone; technology & innovation policy; public sector productivity.

Mr. Edilar Predabon

Technical Coordinator of Functional Safety Issues Laboratory
Universidade do Vale do Rio dos Sinos (UNISINOS)



Title: Mechanical Engineer by PUC-RS since 1980

Age: 53 years

Summary of Professional experience:

- 30 years developing products for Oil & Gas and Energy industries, like electric valve actuators, and steam turbine controllers.
- Expert in ships steering systems, managing teams developing and applying autopilots, magnetic, electronic and GPS compasses, rudder angle indicators, etc., and also the steering gear.
- Expert in sheet metal stamping and die design.

Dr. Rafael Prikladnicki

Director—Agência de Gestão Tecnológica
Pontifical Catholic University of Rio Grande do Sul

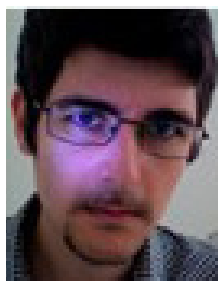


Rafael Prikladnicki is adjunct professor in the Computer Science School at the Pontifícia Universidade do Rio Grande do Sul (PUCRS). He holds a PhD degree in Computer Science from PUCRS and was visiting professor at the University of Victoria in Canada in 2006 and 2007. He is the director of the Technology Management Agency (AGT) at PUCRS since December of 2010 and was the coordinator of the project management office of AGT from May 2009 until November 2010. Professor Rafael's areas of expertise are global software engineering and agile methodologies for software development. His 2007 book

“Distributed Software Development – developing software with distributed teams” was the first Portuguese book on this topic. He also leads one of the main research groups in this area in Brazil (MuNDDoS research group). In 2011 he received the PhD innovation award, promoted by FAPERGS (the state of Rio Grande do Sul funding agency) for his innovative research on global software engineering, conducted in collaboration with companies at Tecnopuc (PUCRS' Scientific and Technology Park). He is especially interested in the role of Brazil in the global IT industry. For more information: www.inf.pucrs.br/~rafael.

Mr. Diego Remus

Chief Editor
Startupi



After writing newspaper columns on sustained development and edited a national magazine on management and business, Mr. Diego Remus (30) is partner and editor-in-chief at Startupi.com.br, source of news and analysis about IT startups and the related market in Brazil—venture capital, incubators, entrepreneurship and innovation. He has contributed to books on High Impact Technological Entrepreneurship and Angel Investment.

Diego has also presented workshops and lectured at events in many Brazilian regions, including the III International Innovation Congress, promoted by the Rio Grande do Sul State Industrial Federation (FIERGS). Internationally, he has presented at the

Red Innova event in Spain and researched startups in Germany. He has a Social Communications degree with a license for Journalism and courses on Economics, Culture and Game Strategy. His areas of interest also include Hypermedia, Complexity Science & System Thinking, Business Design, Consumer Science & Lean Startup.

Startupi.com.br was created by North American investor Michael Nicklas when he started studying Brazil in 2008. The startup market was increasing; but there was no regular information about such an emergent business trend, and there was not a sense of community and connection. Startupi has also helped promote many events for startups, and counts on the support of Bob Wollheim (CEO, Sixpax Content) and iG portal as infrastructure and channel partners. Startupi also partners with North American BlackBox seed capital business accelerator for The Startup Genome benchmarking research.

Ms. Tatiana Ribeiro

Program Coordinator
Movimento Brasil Competitivo (MBC)

Ms. Nayana Nadler Rizzo

Government Affairs & Policy Manager
General Electric Corporation—Brazil

As Government Affairs and Policy Manager, Nayana is responsible for supporting the development and implementation of the strategy with the government for GE Brazil, driving company government relations projects, and advising the businesses on a broad range of legislative and policy issues in the country. As part of the GA&P team she will capture the synergies of “One-GE” with focus on key States and Cities, representing, together with the director of Government Affairs and Policy for Brazil, GE’s interest before government institutions and other stakeholders and being accountable to influence policy with appropriate external organizations and government.

Before joining GE, Nayana worked as Institutional Relations Advisor at the Brazilian Sugar Cane Industry Association (UNICA), where she was responsible for strengthening the relationship with stakeholders from both private and public sectors, coordinating “Projeto AGORA” (a national strategic communication project of the sector), and coordinating domestic and international public policy analysis of biofuel programs. Prior to UNICA, Nayana led discussions on the issue of Intellectual Property Rights and Combat to Piracy at the American Chamber of Commerce for Brazil. She created and implemented in 8 Brazilian States the “Escola Legal” Project, an educational program on the importance of Intellectual Property Rights, Innovation and Combat to Piracy adopted by private and public schools.

Nayana received her BA in International Relations from PUC-GO with a year abroad at McGill University, Montreal, Canada, and concluded her post-graduate studies at FGV-SP in Public Administration and Economic Development.

Mr. Luciano Felipe de Carvalho Rodrigues

Manager of Technical Information and Intellectual Property
Petrobras

Dr. Mario Sergio Salerno

Executive Coordinator

The Observatory of Innovation and Competitiveness, Institute of Advanced Studies; and

Full Professor, Polytechnic School, Production Engineering Department

University of São Paulo



Full Professor of The Production Engineering Department, Polytechnic School, University of São Paulo (ranked #1 in Latin America—www.pro.poli.usp.br); head of the Department from June 2007 to June 2011; coordinator of the Innovation Management Laboratory, who won Finep's (Brazilian Innovation Agency) public call for the constitution of a Center for Innovation Management Support (NAGI).

Executive coordinator of The Observatory of Innovation and Competitiveness at The Institute of Advanced Studies, University of São Paulo (www.observatoriousp.pro.br), one of the Centers for Research Support (NAP) defined by the

University of São Paulo through a competitive dispute with international referees. Member of the International Steering Committee of Gerpisa International Network (www.gerpisa.org), a scientific network on mobility, auto industry and its workers; regional editor of the International Journal of Automotive Technology and Management and associate editor of Strategy/Organization/Work of *Gestão&Produção* journal. Former Director of Industrial Development at the Brazilian Agency for Industrial Development (ABDI) 2005/2006. Former Director of Sectoral Studies at the Institute of Applied Economic Research (Ipea, 2003-2004). Member of the coordination of the task-group that elaborated the Industrial, Technological and Foreign Trade Policy (PITCE) of the Federal Government (2003-2004). Member of the Technical-Scientific Board of the National Institute of Technology (INT) by appointment of The Ministry of Science, Technology and Innovation. Member of the Consulting Board of IPT—Institute of Technological Research of the São Paulo State by appointment of the Governor of the State.

Full CV available on line: <http://lattes.cnpq.br/3276012121928233> (in Portuguese and English).

Dr. Marli Elizabeth Ritter dos Santos

Coordenador—Escritório de Transferência de Tecnologia

Pontifical Catholic University of Rio Grande do Sul



Dr. Marli Elizabeth Ritter dos Santos holds a PhD in Administration Sciences from the National Autonomous University of Mexico. She has worked in innovation and technology transfer management for more than 10 years, coordinating the Interaction and Technology Transfer Office of the Federal University of Rio Grande do Sul, Brazil (1997-2005), and managing the Technology Transfer Office at the Pontifical Catholic University of Rio Grande do Sul, where she was responsible for the implementation of institutional policies and procedures regarding the management of intellectual property and technology transfer. As a Professor in

the Business College, she teaches the discipline "Change and Innovation Management". In May 2006, Dr. Ritter was elected President of the formative Brazilian Forum of Innovation and Technology Transfer Managers (FORTEC); she served in that capacity until April 2010. In 2007, her contributions to technology transfer in Brazil were recognized in a national award from the Brazilian National Institute of Industrial Property (INPI). In 2008 and 2009, she joined the Academic Tech Transfer and Commercialization Graduate Student Literature Review Prize Committee, sponsored by AUTM

Foundation. Dr. Ritter has many publications, and has actively instructed at many in international seminars of the World Intellectual Property Office (WIPO), in Cuba (2001), India (2001), Mexico (2002 and 2009), Chile (2006), Brazil (2007), Costa Rica (2008) and Peru (2009). She represents the emerging market, and one of the BRIC countries, important to BFW Corp.

ETT assures protection to research results carried out in the University.

ETT, which is the Office for Technology Transfer directly linked to the Office of the Provost for Administration and Finances, was created in March 2005, due to the need to protect the intellectual assets of the University and promote transfer of research results to the productive sector, aiming to consolidate and widen PUCRS' action and participation in society.

ETT's objectives are to establish, promote, and implement the institutional intellectual property and technology transfer policy, through prompt and secure procedures.

Dr. Diógenes Santos

Coordenador—Centro de Pesquisa em Biologia Molecular e Funcional
Pontifical Catholic University of Rio Grande do Sul



Full Professor of PUCRS, did a BSc in Veterinary Medicine at Federal University of Bahia, MSc in Microbiology and Immunology at Federal University of São Paulo, PhD awarded by Federal University of São Paulo for his experimental work at the Medical Center of New York University, and post-doc at Oxford University where he was also a Biotechnology Awardee from Rockefeller Foundation. Dr. Santos was a Professor of Microbiology and Immunology at the Escola Paulista de Medicina and the founder, and director for ten years, of Biotechnology Center of Federal University of Rio Grande do Sul, and acted as consultant for BID, FAO and WHO.

Dr. Santos is the Chief Executive Officer of "Quatro G Pesquisa e Desenvolvimento", a biotechnology-based private company. Dr. Santos has mastered skills in molecular biology, microbiology, rational-drug design of chemotherapeutic agents to treat TB and T-cell mediated diseases. Dr. Santos has deposited on Protein Data Bank (<http://www.rcsb.org>) the structural coordinates of approximately 40 (forty) defined molecular targets, whose structures were solved by X-ray diffraction. He has published over one hundred and fifty research papers (as of November 16th, 2011) in important international scientific journals. Dr. Santos has filed for 5 (five) patents in Brazil and two (2) abroad (Patent Convention Treaty—PCT). It appears appropriate to mention that Dr. Santos is a career awardee from the National Research Council (CNPq) and the co-ordinator of The National Institute of Science and Technology in Tuberculosis, funded by the Federal Government (MCT/CNPq) and Center for Research in Molecular and Functional Biology (CPBMF).

Mr. Dalton Schmitt, Jr.

Senior Partner and Chief Investment Officer
CRP



Dalton Schmitt, Jr., 38, joined CRP in 1995. Mr. Schmitt became investment officer of CRP in 1997. In 2001, he became a partner. In 2006, he became a Senior Partner and Chief Investment Officer. In this capacity, he is responsible for all the operational activity of CRP, coordination of deal flow and analytical activity as well as monitoring of the portfolio companies. He also participates on several boards of investee companies. With 16 years of experience in VC/PE industry, Mr. Schmitt is a graduate of UFRGS with a degree in Economics and an MBA in Corporate Finance. Mr. Schmitt was trained in private equity and venture capital at the Venture Capital Institute in Atlanta, Georgia.

Dr. Rosemary Shinkai

Associate Professor of the Department of Prosthodontics
Pontifical Catholic University of Rio Grande do Sul (PUCRS)



Rosemary Shinkai graduated in Dentistry (DDS) from the University of São Paulo, Brazil, received her MSc and PhD degrees in Dental Clinics from the State University of Campinas, Brazil, and was a Postdoctoral Research Fellow and a Visiting Professor at the Department of Orthodontics of The University of Texas Health Science Center at San Antonio, USA. She is a specialist certified in Prosthodontics, Gerontology, and Geriatric Dentistry. She is currently Associate Professor of the Department of Prosthodontics of the Pontifical Catholic University of Rio Grande do Sul (PUCRS), editor-in-chief of the Revista Odonto Ciencia (Journal of Dental Science), member of the advisory board of the Brazilian Association of Scientific Editors (ABEC), and coordinator of the Division of Institutional Projects at the Office of the Vice-President for Research and Graduate Studies.

The Office of Research at the PUCRS Office of the Vice President for Research and Graduate Studies is responsible for the development and implementation of institutional strategies and policies for research of world-class excellence at the university. The office manages the institutional program of scholarships for graduate and undergraduate students and gives support for institutional, interdisciplinary, and international research projects.

Mr. Laércio Aniceto Silva

Business Superintendent
CERTI

Mr. Carlos Gustavo Nunes da Silva

Co-founder
Biotech AMAZONIA

Mr. Felipe Soares

IT Director
Dell



Felipe Soares is the IT director responsible for the Dell IT Application Services Center in Brazil, and serves as Dell's financial systems director globally. He joined Dell more than 10 years ago and has strong international experience managing global portfolio and distributed teams. He was responsible for start-up operations at Dell's IT centers in Brazil and India, ERP global implementation and maintaining a research and development center in each country. Besides Dell, Soares worked for the SPL Wordgroup in Pacific Asia and IBM Brazil. He has a Master in Business Administration/Strategy from the Rio Grande do Sul Catholic University

(PUC-RS) and was awarded "IT Executive of the Year" by *InformationWeek* for his leadership in the country (Categories: Executive of the Year in Maturity of IT Processes and Executive of the Year in Information Security).

The Dell IT Center in Brazil is located in the city of Porto Alegre in TecnoPuc, inside PUC-RS. It was opened in March 2001 (Dell was the first company to deploy facilities at TecnoPuc) and develops, tests and monitors software applications for use in more than 80 countries around the world. The Dell IT Center teams work with other centers located in India and Malaysia, and also with other IT groups in Europe, United States and Japan. It was the first center to operate outside the United States. The software development operation directly impacts the state economy by exporting software applications using the Information Technology Law incentives that are returned in the form of investments in R&D that are carried out in partnership with the University, sponsoring national and international events; and carrying out social responsibility projects, and IT skill training and education programs in a growing market.

Dr. André Arigony Souto

Professor, Faculdade de Química
Pontifical Catholic University of Rio Grande do Sul
Scholarship in Produtividade em Pesquisa do CNPq - Nível 2



Bachelor's at Química e Licenciatura Em Química from Pontifícia Universidade Católica do Rio Grande do Sul (1988), master's at Chemistry from Universidade Federal do Rio Grande do Sul (1993) and doctorate at Faculdade de Ciências Químicas from Universidad Complutense de Madrid (1997). Has experience in Chemistry, focusing on Organic Synthesis, acting on the following subjects: resveratrol, HPLC, FT-IR. Currently he heads the Natural Products Chemistry Laboratory and has several patents with resveratrol. The inventions provide products having resveratrol with high water solubility and nutraceutical and/or phytotherapeutic compositions having said substances.

The processes for obtaining them include the solubility increase of the polyphenol corresponding to a resveratrol compound, preferably trans-resveratrol in water, by its complexation with cyclodextrin under specific conditions that favor thermodynamic equilibrium. The products of the invention present high solubility and purity in aqueous medium, being, therefore, useful to prepare nutraceutical compositions (pharmaceutical and/or alimentary) with antioxidant, anti-inflammatory, antiviral, antidiabetics, cardioprotective, neuroprotective, chemoprotective activities;

besides protecting against infections and ischemia, reducing obesity, and preventing aging. Phyto-therapeutic compositions useful to the same therapeutical activities, prepared from the complex of res-veratrol and cyclodextrin compound, preferably beta-cyclodextrin/trans-resveratrol, are also provided.

The Natural Products Chemistry Laboratory acts in the areas of organic synthesis, natural products and analytical chemistry. The group coordinates an interdisciplinary project financed by national pharmaceutical industry. The purpose is to develop a new drug to treat type 2 diabetes and degenerating neurological diseases.

Dr. Claudia Stewart

Vice President of Technology Commercialization
Georgetown University



Dr. Stewart is Vice President of Technology Commercialization at Georgetown University. She oversees intellectual property protection and commercialization activities for the University. In her prior position she served as Director of the Office of Corporate Alliances at the University of Rochester Medical Center, where she also held a position in the Office of Technology Transfer. Dr. Stewart served as the Vice Chairperson of the High Tech Business Council of the City of Rochester's BioCluster. Prior to her work in Rochester she was Vice President for Research and Operations at Redox Pharmaceutical Corporation in Greenvale, N.Y.

Dr. Stewart holds a Ph.D. in microbiology and a bachelor's degree in biology from the University of Rochester. She also received a National Institutes of Health Fellowship in toxicology at the University of Cincinnati's Institute of Environmental Health. Dr. Stewart has taught at several New York colleges. She has a number of publications and patent applications and is affiliated with several national associations including the Association of University Technology Managers and the Licensing Executives Society.

Mr. Mario Teza

General Director
Futura Networks Brasil



Current General Director of "Futura Networks do Brasil", the company behind the largest Internet event in the world in the areas of Innovation, Digital Culture, Science and Digital Entertainment - Campus Party. Teza was the former vice-president of PROCERGS (Rio Grande do Sul State DataManagement Company), the manager of the regional office of DATAPREV in Rio Grande do Sul (Social Security Technology and Data Management Company), a company of Ministério da Previdência Social (Social Security Department) in Brazil, and a member of the Brazilian Internet Management Committee (twice elected by the civil society). Also,

he was a member of the Editorial Board of the following journals: ".br" (www.cgi.br/publicacoes/revista) and "A Rede" magazine (www.aredo.inf.br), and a member of the Consortium of Free Software Developers and Users in Latin America and the Caribbean of UNESCO.

Furthermore, he is founder of the Rio Grande do Sul Free Software Program, the Free Software Project Brazil, the International Free Software Forum (FISL) and the Brazilian Network Information Center (NIC.br).

Ms. Gabrielle Trebat

Director

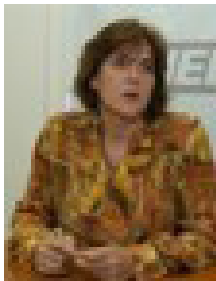
McLarty Associates

Gabrielle Trebat serves as Director at McLarty Associates, where she works as a member of our Brasil and global practices. Prior to joining MA in 2011, Ms. Trebat served as deputy assistant secretary for business affairs and public liaison at the U.S. Department of Treasury, where she oversaw outreach to the private sector, labor, and NGO communities. A dual national of Brasil and the United States, she previously served as executive director of the Brasil-US Business Council, where she was responsible for promoting a strong bilateral trade and investment relationship and represented the majority of foreign direct investors in Brasil. At the Council on Competitiveness, Ms. Trebat served as senior research associate from 2001-2002, as director of international policy studies from 2002-2005, and as director of the global program from 2006-2007, in which role she initiated and managed the global institutional partnerships of the Council. She has a B.A. from Duke University and an M.A. from Columbia University's School of International and Public Affairs (SIPA) with concentrations in international affairs, international economic policy, and Latin American studies. Ms Trebat speaks Portuguese and Spanish.

Ms. Elisabeth Urban

Superintendent

Instituto Euvaldo Lodi—Rio Grande do Sul



Elisabeth Urban is Specialist in Innovation, Technology and Business Consulting. Currently, she is the Superintendent of the Regional Center of the Institute Euvaldo Lodi (IEL /RS) and Director of Education and Technology of the System FIERGS.

She is Adviser to the Council of Innovation and Technology FIERGS (CITEC), the Foundation the Science and Technology (CIEN TEC) and the Council Strategic of La Salle Business School.

Mr. Marcelo Vaccari

Founder

Aurora Aerial Imaging

Ms. Leticia Falcão Veiga

Senior Consultant

Petrobras



Letícia Falcão Veiga is Biologist and Doctor of Science on Computational Modeling from Universidade Federal do Rio de Janeiro (COPPE/UFRJ). She has been working at PETROBRAS Center of Research and Development (CENPES) for more than 17 years participating and coordinating R&D projects in partnerships with national and international institutes of science and technology. During this time she had the opportunity to participate on multi client projects involving industry, academy and government agencies, in a triple helix approach. She is now Senior Consultant at PETROBRAS Relationship with S&T Division,

where she acts as an interlocutor between the company and the institutes of science and technology at the South Region (PR, SC and RS states) of Brazil, in order to facilitate and enhance collaborative projects that convert science in innovation and practical solutions for the energy industry.

Dr. Flávio Rech Wagner

Director of the new Science and Technology Park
Federal University of Rio Grande do Sul (UFRGS)



Flávio R. Wagner is a full professor at the Institute of Informatics of the Federal University of Rio Grande do Sul (UFRGS), in Porto Alegre, Brazil, where he served as Dean from 2006 to 2011. He is currently the director of the new Science and Technology Park of UFRGS. He received a PhD degree in computer engineering from the University of Kaiserslautern, Germany, in 1983; and an MSc degree in computer science in 1977 and a Bachelor of Science in electrical engineering in 1975, both from UFRGS. He had two post-doctoral stages at the TIMA Laboratory in Grenoble, France, in 1992 and 2002, and was an invited professor at the Computer Science Department of the University of Tübingen, in Germany, in 1994. He served on the board of directors of the Brazilian Computer Society (SBC) for 12 years, serving as president for two consecutive terms, from 1999 to 2003. Since 2008, he has been a member of the board of the Brazilian Internet Steering Committee. His main research interest is the design and architecture of electronic embedded systems. From 2001 to 2007, Wagner served as chair of the IFIP (International Federation for Information Processing) Working Group 10.5, which gathers experts in the field of design and engineering of electronic systems. He is also an associate editor of the journal *Design Automation for Embedded Systems* from Springer.

Federal University of Rio Grande do Sul Science and Technology Park (UFRGs) is one of the five leading research Universities in Brazil.

Although its Science and Technology Park has been formally created in 2011, the University has a long-term tradition in technology development, innovation, entrepreneurship, and technology transfer to the Brazilian industry. The new Science Park will help to boost this tradition, offering new possibilities for joint projects between the University and R&D centers of high-tech companies. The Science Park also gathers a network of five Technology Incubators, which have already graduated more than 40 start-up companies in various Engineering, IT, and Biotechnology fields.

Dr. Marc A. Weiss

Chairman and CEO
Global Urban Development

Dr. Marc A. Weiss is Chairman and CEO of Global Urban Development (GUD), an international policy organization with offices in Barcelona, Beijing, Belo Horizonte, Curitiba, Hong Kong, Istanbul, London, Prague, Rehoboth, San Francisco Bay Area, Singapore, Sydney, and Washington, DC. He also serves as Chairman of Sustainable Economic Development Strategies LLC, Executive Editor of Global Urban Development Magazine, Chair of the Climate Prosperity Alliance, and Co-Chair of the GUD program committee on Generating Sustainable Economic Development. In addition, he is a member of the Steering Committee of the United Nations Sustainable Development Knowledge Partnership, a member of the Steering Committees of the UN-Habitat Best Practices and Policies Program and

World Urban Campaign, an adviser to the World Bank Urbanization Knowledge Partnership, and a Citistates Associate. He previously served as: Public Policy Scholar and Editor of Global Outlook at the Woodrow Wilson International Center; Coordinator of the Strategic Economic Development Plan for Washington, DC; Special Assistant to the Secretary of the U.S. Department of Housing and Urban Development and HUD Liaison to the President's Council on Sustainable Development in the Clinton Administration; Director of the Real Estate Development Research Center, Acting Director of the Ph.D. Program in Urban Planning, and Associate Professor at Columbia University; and Deputy Director of the California Commission on Industrial Innovation. He is the author or co-author of many books, articles, and reports, including a widely acclaimed book on urban development and planning, *The Rise of the Community Builders*, a best-selling international textbook, *Real Estate Development Principles and Process*, published by the Urban Land Institute, and *Sustainable Economic Development Strategies*, published by Global Urban Development. He has been an adviser on sustainable economic, business, and community development in cities and regions in the U.S. and throughout the world, including South Africa, China, Brazil, Spain, Sweden, the U.K., the Czech Republic, and the Virgin Islands. He and his GUD colleagues have advised on Sustainable Economic Development Strategies for San Antonio, San Jose/Silicon Valley, Southwest Florida, Metropolitan Portland, Metropolitan Denver, and the State of Delaware, and they recently completed a Sustainable Economic Development Strategy for Sarasota County, Florida, funded by the U.S. Department of Energy. Also, he and his GUD colleagues helped organize an international conference on Sustainable Economic Development, held in Curitiba, Brazil on June 7-8, 2011, sponsored by the Brazil and U.S. Governments and the Energy and Climate Partnership of the Americas. Dr. Weiss earned an M.C.P. and a Ph.D. in City and Regional Planning from the University of California, Berkeley, and a B.A. with Honors in Political Science from Stanford University, plus he attended the London School of Economics.

Dr. Izete Zanesco

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Izete Zanesco, received the B.S degree in physics and the M.S. degree in mechanical engineering from Federal University of Rio Grande do Sul (UFRGS), Porto Alegre, Brazil, in 1987 and 1991, respectively. She obtained the Ph.D. degree in telecommunication engineering in 1996, from Polytechnic University of Madrid (UPM), Madrid, Spain. Dr. Zanesco is presently an associate professor at the Catholic University of Rio Grande do Sul (PUCRS), Porto Alegre, Brazil, where she is teaching undergraduate and graduate courses. Her current research interests include the development of cost effective silicon solar cells process fabrication as well as the study of PV modules and systems.