

Brazil - Singapore

**Networking Opportunities in Technology
Development @ NUS**

**Jointly organized by:
Embassy of Brazil (Singapore)
National University of Singapore (NUS)
Courtesy of Graphene Research Center @
Faculty of Science, NUS**

Date: 27th May 2013

Time: 8:30 AM - 5PM

Dress Code: Office Attire (Suits Not Required)

Enquiries: please call: 98249409

Venue: Ngee Ann Kong Si Auditorium @ Education Resource Center – NUS University -Town

Day 1 27th May 2013	Brazil-Singapore: Networking Opportunities in Technology Development
8.30AM – 9:00AM	Registration and Networking
Opening Address by Joint Organizers	
9:00AM – 9.15AM	Prof Barry HALLIWELL Deputy President (Research and Technology) Tan Chin Tuan Centennial Professor National University of Singapore
9.15 AM – 9.30AM	Address by His Excellency, Luis Fernando SERRA Ambassador of Brazil (in Singapore)
Address by Government Representatives from Brazil and Singapore	
9.30AM – 9.45AM	Mr Alexandre CABRAL Director, Department of Technology Based Industries (Indústria e Tecnologia) Ministry of Development, Industry and Commerce (Ministério do Desenvolvimento, Indústria e Comércio Exterior) Brazil
9.45AM – 10.00AM	Professor Adalberto FAZZIO Deputy Secretary for Technological Development and Innovation Ministry of Science, Technology and Innovation Brazil
10.00AM – 10.15AM	Mr Quek Swee KUAN Deputy Managing Director Economic Development Board (EDB), Ministry of Trade and Industry Singapore
10.15AM- 10.30AM	Dr Raj THAMPURAN Managing Director Agency for Science, Technology and Research (A*Star), Ministry of Trade and Industry Singapore
10.30AM - 10.45AM	Mr Philip ONG Deputy Chief Executive Officer National Research Foundation, Prime Minister’s Office Singapore

10.45AM – 11.00AM	Tea/Coffeebreak	
11.00AM – 12.30PM	Presentation by Brazilian Company Representatives from: - CBMM, Braskem, Vale, Softex, Petrobrás, UPM, Embraer*	
	Each presenter ~15minutes	
	1	Mr Gustavo MACEDO General Manager CBMM Asia
	2	Mr Almir COTIAS Asia Business Director Braskem
	3	Dr Sandoval CARNEIRO General Manager, Partnerships and Resources DITV- Vale Institute of Technology, Vale Rio Doce Co. Professor Emeritus Federal University of Rio de Janeiro (UFRJ), Brazil Department of Electrical Engineering
	4	Mr Fernando KAMACHE CFO & Board Member Petrobras
	5	Professor Eunézio A. SOUZA Director of Graphene Center University of Mackenzie
6	Dr Fabio Santos de SILVA Embraer S.A.	
12.30PM – 1:30PM	Lunch and Networking	
2PM – 3PM	Tour of Graphene Center	

3.00PM – 5PM	<p>Networking with companies' representatives in 1-to-1 OR Round Table discussions with NUS Expertise/Faculty members. Open to all NUS faculty members that are interested to meet with the companies. VENUE: Seminar Rooms on Level 2, Education Resource Center at U-Town (above Starbucks)</p>		
Representation of Expertise, Departments, OR Research Institutes @ NUS	<p>Braskem- Chemical and petrochemical http://www.braskem.com.br/site.aspx/braskem-internacional Interest: Green Chemistry</p> <p>CBMM Minerals (http://www.cbmm.com/) Interest: Civil Engineering, Materials, Metallurgy</p> <p>Embraer- Aircraft manufacturer http://www.embraer.com/en-US/Pages/Home.aspx Presentation at AM session</p> <p>Petrobrás- Oil & Gas (http://www.petrobras.com/en/home.htm) Presentation at AM session</p> <p>Vale- Mining http://www.vale.com/EN/Pages/default.aspx Presentation at AM session</p> <p>BRF - Food Processing Company http://www.brasilfoods.com/index.cfm</p> <p>Universidade Presbiteriana Mackenzie www.mackenzie.br</p>	<p>MBS Business Solutions Corporation- consulting, management solutions http://mbscorporation.com/about_us/index.html Interest: Software</p> <p>Softex- Association promoting Brazilian software companies (Asia rep from Tokyo) http://www.softex.br/softexEn/home/default.asp Interest: Software Presentation at AM session</p> <p>Dikaios Internet Pte. Ltd http://dikaio.com.sg/portfolio.html Interest: Digital Media</p>	<p>BB Securities- banking and investments http://www.bb.com.br/porta/bb/home1,7490,7490,22,0,2,8.bb Interest: Banking & Finance</p> <p>Itaú BBA (ShangHai)- banking and investments http://www.itaubba.com.br/itaubba-en/ Interest: Banking & Finance</p>

Registration for Day-1 → http://www.nus.edu.sg/enterprise/registration/ilo/Brazil-Singapore_Networking_Opportunities.html

Day 2 28th May	Brazil-Singapore: Opportunities through Technology Network
9Am – 12PM	A*Star showcase/tour or visits
1:30PM – 4:30PM	<p>Open to NUS Faculty members who would like to further engage the companies as a follow-up from Day-1's brief intro meeting. Open to hosting tours, etc. *Please contact ILO for this so that Guest can be informed and shuttled to</p>

	NAME of Representative	ORGANIZATION Geo-LOCATION	Areas of Interest	Suggested Departments & PI
1	<p>ALEXANDRE CABRAL Director, Department of Technology Based Industries (Indústria e Tecnologia)</p> <p>BIO Brazilian born, social scientist with expertise in systems analysis and master degree in intellectual property and innovation. Almost 20 years of experience in the private sector, in the area of ICT. 12 years in the public sector, 10 of them acting as a policy maker in the area of innovation and 2 years as policy maker in the production development. Coordinated actions aimed at raising awareness and mobilizing companies for innovation as well as supporting the organization of innovative environments within companies. Promoter of the concept of innovation management in Brazil. Currently Director of Technological Based Industries Department in the Ministry of Development, Industry and Foreign Trade. Head of Strategic Minerals Project within the Ministry, which is included the graphene agenda.</p>	<p>Ministry of Development, Industry and Commerce (MDIC)- BRASIL</p>	<p>AREAS OF INTEREST The Department of Technological Based Industries is focused in management of public policies in sectors where competitiveness agenda is closely linked to technological development and innovation. The scope of work includes the segments ICT, electronics, chemical, healthcare, oil & gas, naval, aeronautical, aerospace and defense, notwithstanding correlated segments that have technology agendas linked to relevant inputs for these sectors.</p>	
2	<p>ADALBERTO FAZZIO Deputy Secretary for Technological Development and Innovation</p> <p>BIO Adalberto Fazzio (October 6th 1950) is a Brazilian physicist. The main research area of Professor Fazzio is Computer Simulation in Material Science with emphasis in electronic, transport, magnetic and structural properties of Nanomaterials. He has more than 200 articles published in refereed journals and those articles were cited more than 3500 times. His lab is very active with MSc students, PhD candidates and postdocs working. Several PhD thesis were advised by Professor Fazzio in recent years. Since 1991 he is a full Professor of the Department of Physics at the University of São Paulo in Brazil. From 2003 to 2007 Professor Fazzio was President of the Brazilian Physical Society. In 2008 he became Rector of the Federal University of the ABC region (UFABC) in Brazil and held that position until 2010. He was also Visiting Professor at the National Renewable Energy Laboratory (USA) and at the Fritz-Häber Institute (Germany). Currently he works at the Ministry of Science and Technology as National General Coordinator for Micro and Nanotechnologies.</p>	<p>Ministry of Science, Technology and Innovation (MCTI) BRASIL</p>	<p>Nanotechnology and Graphene</p>	

3	<p>SANDOVAL CARNEIRO General Manager, Partnerships and Resources BIO</p> <p>Current Positions:</p> <p>a. General Manager, Partnerships and Resources DITV- Vale Institute of Technology, Vale Rio Doce Co.</p> <p>b. Professor Emeritus Federal University of Rio de Janeiro (UFRJ), Brazil Department of Electrical Engineering Politechnic School of Engineering and Graduate School of Engineering (COPPE) E-mail: sandoval.carneiro@vale.com alias: sandocarneiro@gmail.com Home Page: http://www.dee.ufrj.br/~sandoval</p> <p>Higher University Administration Positions</p> <p>Deputy Director (Deputy Dean), Academic Affairs, Graduate School of Engineering - COPPE/UFRJ, March 1978 – December 1981 Director (Dean) COPPE/UFRJ, January 1982 – December 1985</p> <p>Appointments with the Federal Government</p> <p>1. Ministry of Education General-Director (CEO) of CAPES, Ministry of Education Agency for Academic Improvement, October 1991 - June 1992 Director of International Relations, CAPES, January 2008-April 2011</p> <p>2. Ministries of Science and Technology and of Education Executive-Secretary, Inter-ministerial Committee for the Furtherment of Post-graduate Education and Research in Brazil, March-December 2003</p> <p>Leaves of Absence Visiting Associate Professor, Department of Electrical Engineering, University of British Columbia, Vancouver, Canada, January 1986 – December 1987 Visiting Professor, Department of Electrical Engineering, University of British Columbia, Vancouver, Canada, January – December 1994</p> <p>Awards and Distinctions Admitted to the ONMC - National Order for Scientific Merit in the degree of 'Comendador', November 1998, commendation received from the President of Brazil CAPES 50th Anniversary Medal, June 2001 March 2005: promoted to the degree of "Grã-Cruz" (Great-Cross) ONMC, commendation received from the President of Brazil Technical Committee Working Group Award, 2003. Awarded by the IEEE Power Engineering Society to members of the Radial Test Feeder Task Force October 2006: Anisio Teixeira Award (Premio Anisio Teixeira), awarded by the</p>	VALE-BRASIL	<ul style="list-style-type: none"> - Centres of Excellence supported by A*Star: Advanced Environmental Biotechnology Centre - fundamental and applied environmental microbiology; Bio-remediation, waste to energy, waste to materials technology; NEWRI (Nanyang Environmental and Water Research Institute) - water filtration solutions. -Public Environment and Water Energy Research Centres and the Several research centres on Environment are shown, including international partnerships such as NUS and Delft, NUS and Oxford -high precision mapping; prospecting; site planning and managementç -Forest and Plantation Management; Tropical Vegetation and Landcover Mapping Renewable Diesel Refinery from Palm Oil, -Fines Dewatering – this topic presents great interest due to the difficulty in extracting water from ore having a large proportion of fines. -Blasting & Comminution – new techniques that could provide savings on energy consumption and subsequent comminution operations. -Dust Emissions Control – Roads and Stockyards. 	
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	<p>Higher Council of CAPES, with the citation: <i>“in recognition of exceptional contributions towards the development of Educational and Research Institutions in Brazil, through Teaching, Research and Institutional Leadership”</i>.</p> <p>July 2007: Distinguished Service Award, IEEE Power Engineering Society</p> <p>January 2010: Fellow of IEEE – Institute of Electrical and Electronic Engineers.</p> <p>April 2010: “Inconfidence Movement Medal”, awarded by the State of Minas Gerais</p> <p>June 2010: “Friendship Medal”, University of Muenster, Germany</p> <p>September 2011: Elected Member of the National Academy of Engineering, Brazil</p> <p>March 2012: Chevalier, Ordre du Merite Agricole, comendation awarded by the French Ministry of Agriculture</p> <p>Publications and Thesis Supervision</p> <p>The publication record includes more than 100 full papers in refereed international journals and in proceedings of national and international conferences. Has supervised 14 PhD and 23 MSc students. A complete listing is available at: http://www.dee.ufrj.br/sandoval.</p>			
4	<p>GUSTAVO MACEDO General Manager of CBMM Asia</p> <p>BIO</p> <p>Gustavo Macedo is the General Manager of CBMM Asia, a subsidiary of CBMM (Companhia Brasileira de Metalurgia e Mineração), a company dedicated to the extraction, processing and marketing of Niobium products. He is responsible for the strategy of sales and marketing of Niobium products in all Asian countries with exception to China where CBMM has appointed as a distributor Citic Metal Co.</p> <p>CBMM was one of the first Brazilian companies to set up a subsidiary company in Asia, CBMM Asia, Co. was established in 1974 in Tokyo, Japan. In 1978 CBMM started the technical promotion in China and in 2008, the company was moved to Singapore (CBMM Asia Pte. Ltd.) to give a broader coverage to the Asian Market.</p> <p>Gustavo started his career in CBMM. He has joined in 2003 as a purchasing official and later moved to the commercial side of the business. In 2006, he was appointed Sales Manager to South America and in 2008 General Manager of CBMM Asia Pte. Ltd.</p> <p>He has a degree in Business Administration with emphasis in Foreign Trade and a specialization degree in Finance from Fundação Dom Cabral in Brazil.</p>	<p>CBMM SG</p>	<p>Background</p> <p>CBMM was one of the first Brazilian companies to set up a subsidiary company in Asia, CBMM Asia, Co. was established in 1974 in Tokyo, Japan. In 1978 CBMM started the technical promotion and in 2008, the company was moved to Singapore (CBMM Asia Pte. Ltd.) to give a broader coverage to the Asian Market.</p> <p>Civil Engineering (including off shore structures)</p>	

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MICHAEL WRIGHT

BIO

Mike graduated from the University of Technology, Sydney in 1990 as a Bachelor of Applied Science (Materials) majoring in Metallurgy. His final year thesis involved work with Australian Navy on Plasma Nitriding of Steels.

He joined Comsteel (now Onesteel) in Newcastle, working on various projects in:

- Liquid Steels (slag foaming, carbon injection, hydrogen reduction, ingot casting improvements and continuous casting improvements).
- Forged Products (Production of ESR quality cold mill work rolls)
- Railway Products (Improvement in ingot quality for Railway Wheels & Axles)
- Bar Products (rolling of bar from ingot and continuously cast billet, heat treatment, bar finishing)
- In 1993, Michael spent 14 weeks in Sheffield UK, working on a Technical Exchange program with such companies as George Turton Platts (reverse extrusions), Sheffield Forge-masters (large forgings), Avesta Stainless (AOD production), Rotherham Steel (long products), North British Steels (AOD Castings).

In 1995, he went to BHP Steel Long Products Division Newcastle working on:

- Innovative “ZBOP” technology (maximising chemical energy usage)
- Develop IMS1700 laser measuring system to increase furnace and ladle lives.
- Evaluated new products and materials
- Monitor daily Quality parameters

On the announcement of Plant closure at BHP in 1999, Michael was offered a role with Alcoa Point Henry working with rolled aluminium sheet and coil products. The role involved:

- Control the product development in new alloys and coatings
- Investigate customer returns and responding to technical inquiries
- Ensuring compliance to FDA requirements for the food grade product
- Customer technical visits in Australia, Taiwan, Philippines, Indonesia,

	<p>Malaysia, Singapore and Vietnam.</p> <ul style="list-style-type: none"> · APS (Alcoa Production System), Kanban Production (Japanese production system), 5 S program and B Safe (Safety program) · To design process paths that will minimise machine usage and fabrication costs. · Optimise rolling pass schedules, furnace paths and process times <p>In 2005, Michael was offered the role as technical manager at Bradken’s Runcorn steel foundry. His primary responsibilities in this role included:</p> <ul style="list-style-type: none"> · Maintain ISO 9001 Quality accreditation. · Manage Technical & Quality Section (Methods, Quality, Audits, Metallurgy, Trials, Radiography, Non Destructive Testing, Dimensional Inspection and Gauging. · Manage Melting Section (Feb 2008 to Oct 2010) producing 18 x 7 ton heats in Electric Arc furnaces daily in specification and on time. Safety, Environmental and Financial controls were paramount. · Provide Technical expertise to other Bradken plants and customers globally. <p>Mike was President of the Australian Foundry Institute of Queensland for 2 years (2010-2012).</p> <p>Mike held a seat as an Industry Expert for Standards Australia for 2 years (2010-2012).</p>			
6	<p>Fabio Santos de SILVA BIO Education</p> <p>2012 - Doctoral Student on Materials Science, Institute of Aeronautical and Technology (ITA), - EAM-M, Physical and Chemical of Aerospaciale Materials - S.J.Campos -SP</p> <p>2000 Master Degree on Physical, Institute of Aeronautical and Technology (ITA), S.J.Campos -SP</p> <p>1997 Bachelor on Chemical Engineering, Santa Catarina Federal University (UFSC), Florianópolis - SC</p> <p>1991 Electronic Technical, Technical School Prof. Everardo Passos</p>	EMBRAER BRASIL		

	<p>(ETEP), S.J.Campos –SP</p> <p>Professional Expérience</p> <p>1. EMBRAER S.A.</p> <p>2008 – 2013 Technology Development Engineer</p> <ul style="list-style-type: none"> o Development of technologies in Materials and Process. o Intelligence of technologies. o Alternative Fuels. <p>2000 – 2008 Product Development Engineer</p> <ul style="list-style-type: none"> o Design, Materials and Process Specifications of ERJ145, EMB 170/190 and Phenom’s aircrafts. <p>2. IAE - Institute of Aeronautical and Space</p> <p>1997 - 1997 Chemical Engineer.</p> <ul style="list-style-type: none"> o Rocket propeller development and chemical analytical instrumentation analysis. <p>3. TECSAT - Tectelcom telecommunications</p> <p>1991 - 1991 Electronic Technical</p> <ul style="list-style-type: none"> o Develop and maintenance in C band receptors and antennas. <p>Awards</p> <p>2000 XXVI Brazilian National Invention Contest: State Governor Honors mention, Secretary of Science, Technology and Economic Development.</p> <p>1999 Motorola Mission XXI Award - Technology Innovation, Motorola of Brasil S.A..</p> <p>Patents</p> <p>Inventor of two patens related with radiation absorbing materials, deposited in name of DCTA - Aerospace Technology and Science Department.</p>			
7	<p>ALMIR COTIAS Asia Business Director</p> <p>Almir Cotias holds a Bachelor's degree in Chemical engineer, an MBA from FGV and Cranfield University (UK), and graduate level courses in Process and Control</p>	BRASKEM SG		

	<p>Development bank</p> <p>Fernando obtained his undergraduate degree and became a Professor of Economics at the Fluminense Federal University. He also holds both an MBA with a specialisation in Corporate Finance and a Master of Science in Mathematical Finance from renowned educational institutions in the State of Rio de Janeiro, Brazil</p>			
12	<p>Pedro MUNIZ Founder and CEO</p> <p>BIO Focus: Project Management - Information Technology and Business Processes Finance Industry.</p> <p>Pictet Asset Management (Japan) Ltd. (Japan) General Manager for the Information Technology Department Focus: Development and Management of the overall IT strategy for the Bank in Japan, Singapore and Hong Kong.</p> <p>Nakano Industries Co. Ltd. (Japan) Manager for the Industrial Technology Department Focus: Development of new technologies and methods to enhance efficiency of industrial processes with Information Technologies and mechanical engineering (mechatronics)</p> <p>Muniz Desenvolvimento de Sistemas Ltd (Brazil) Founder and President, System Analyst Introduced personal computers for business use and pioneered implementation of networked personal computers in small businesses. Developed management systems with RDBMS.</p> <p>Forte: Support enterprises to streamline operations, integrate and implement information systems and business processes and facilitate and coordinate the implementation of domestic and overseas operations and IT strategy</p> <p>Specialties: Conceptualization and implementation of complex systems and processes. Multi-cultural, multi-disciplinary, and multi-language environments.</p>	MBS SG	Information technology: mobility, cloud-computing, information security	
13	<p>Hélio CIFFONI Manager, Asia Market</p> <p>BIO Working in the global software market for more than 25 years. Holding a Master's degree in Education from PUCPR, Brazil (2001), Civil Engineer (1982) and B.S. in</p>	SOFTEX TOKYO, JP	Background Founded in 1996, the Association for the Promotion of Brazilian Software Excellence, or simply SOFTEX, is an Organization of the Civil Society of Public Interest (OSCIPI) with	

	<p>Physics (1980) from UFPR, Brazil; Online Software Design Specialist from Jica in Japan (1987) and Didactics Specialist (1989) from PUCPR, Brazil.</p> <p>Asia Market manager at SOFTEX^[1] (Association for the Promotion of Brazilian Software Excellence) since 2010, Tokyo Office.</p> <p>Founder and Partner at Sapiens Global LLP (2009), established in Tokyo, Japan, specialized in business matchmaking in Asia and Latin America.</p> <p>Board Member, Brazil-Japan Chamber of Commerce and Industry, Paraná State, Brazil; Board member, Brazilian Chamber of Commerce in Tokyo (2001/2); Board Member, CITS (International Center for Software Technology), Brazil (2003-2006);</p> <p>Lecturer, Computer Science Department, PUCPR (The Catholic University, Paraná State, Brazil) 1987-2007, Lecturer, Technological Entrepreneurship, MBA program, PUCPR, Brazil.</p>		<p>headquarters in the city of Campinas, state of São Paulo, and with an office in Brasília, the Capital of Brazil. SOFTEX manages the Program for Brazilian Software Excellence, the SOFTEX Program, which is priority program from Brazil's Ministry of Science, Technology and Innovation (MCTI). The focus of this program is the development of markets and the sustainable expansion of the competitiveness in the Brazilian Industry of Software and IT Services.</p> <p>The SOFTEX System has a nationwide scope and comprises 2,000 software and/or IT services companies. These companies receive support through a series of initiatives conceived and executed by the system.</p> <p>AREAS OF INTEREST</p> <ol style="list-style-type: none"> Software Quality Assuranceç Entrepreneurship in IT sector: Startups, Accelerators, Incubator House Project financing and investment in IT in Singapore. Foreign investment in IT in Singapore. e-Gov: Does Singapore adopt Open Source? 	
14	<p>Rodrigo MARTINEZ Entrepreneur BIO</p> <p>Rodrigo is an entrepreneur that consecutively conceived, created and successfully sold two of Brazil's most acclaimed Internet companies: STI Internet (4th largest ISP) and hpG (3rd largest Internet Portal) without a single dollar from investors. Rodrigo was awarded the TOP3 - New Entrepreneur Ideia.com/iBest Award in 2001 and the TOP3 - Internet Entrepreneur Gazeta Mercantil/iBest Award in 2002, in Brazil. hpG, his second company, was awarded INFO Magazine's Best Web Hosting</p>	DIKAIOS SG.	Internet in general	

	<p>Service of the Year for four consecutive years (2000-2003) and in 2001 received both the Best Internet Service of the Year and iBest Press Award, in Brazil. Rodrigo is a self-made autodidact, natural pattern finder and problem solver, that is obsessed with obtaining the MAXIMUM results with the MINIMUM investment in time and money.</p>			
15	<p>Rodrigo AFFONSO Managing Director & Board Member of BB Securities Asia Pte Ltd</p> <p>BIO Mr. Affonso was appointed Managing Director and Board Member of BB Securities Asia Pte Ltd in September 2011. He is based in Singapore since then. Prior to working in Singapore, he had served Banco do Brasil Group for 19 years. Mr. Affonso worked for 6 years with BB DTVM, the Asset Management arm of Banco do Brasil, as Head of Global Distribution and Offshore Funds Portfolio Manager. Previously, Mr. Affonso also held positions in Private Banking, Corporate Banking, Treasury Department and other positions at BB Retail Branches. Hw holds a Bachelor`s Degree in Economics at Universidade de Sao Paulo SP, Brazil and a Master`s Degree in Finance at Coppead-Universidade Federal do Rio de Janeiro, Brazil.</p>	BANCO DO BRASIL	Investments in Brazil, mergers and acquisitions	
16	<p>Howard HAN Chief Representative, Shanghai Representative Office</p> <p>BIO Howard J Han is the Chief Representative for Itaú BBA in Shanghai. He is responsible for CIB coverage across Asia for Itaú BBA, the corporate and investment banking unit of Itaú Unibanco which is the largest bank by market capitalisation in Latin America and one of the top 15 in the world. Howard previously worked for JP Morgan Investment Management, the New York Stock Exchange, RWE Supply and Trading and UBA Plc. He graduated from Carnegie-Mellon University with a Bachelor of Science in Economics. Born in Seoul, South Korea, he migrated to the US as a child and is now a naturalized US citizen.</p>	ITAÚ-SHANGHAI	Finance, investment	