

# UGPN – São Paulo/USP

19-22 March 2012

Universidade de São Paulo, Brazil

Festival of Research – 20 March 2012

Engineering : Prof. Antonio C V Coelho			Mathematics/Chemistry/Physics : Prof. Cláudio Possani		
Network Members	Speakers	Presentation Titles	Network Members	Speakers	Presentation Titles
Universidade de São Paulo	Prof. José Roberto Castilho Piqueira	Mathematical Engineering – overview	Universidade de São Paulo	Prof. Osvaldo Novais Júnior	Physics research at IFSC – An overview
	Prof. Antonio Mauro Saraiva	Computing engineering applied to agriculture and environment		Prof. Henrique von Dreyfuss	Applied mathematics research projects at IME/USP
	Prof. João Francisco Justo Filho	"Theoretical modeling of nanostructured materials"		Prof. Daniel Victor Tausk	Mathematics research at IME/USP
	Prof. Marcelo Augusto Leal Alves	Automotive Engineering		Prof. Vyacheslav Futorny	Mathematics research at IME/USP
	Prof. José Carlos Mierzwa	Water		Prof. Fernando Navarra	Research at IF/USP – An overview
	Prof. Dr. Eugenio Foresti	Environmental Engineering activities at EESC-USP in São Carlos		Prof. Dr. Emanuel Carrilho	Research at IQSC
Surrey University	Professor Paul Smith and Professor Karen Kirkby	An overview of Surrey's research in engineering and physical sciences (international lead for the	Surrey University	Professor Mark Roberts	Mathematics research at Surrey
				Professor David Bradley	Physics research at Surrey – with a focus on radiation and medical

	Professor Soon Thiam Khu	faculty) Environmental and health engineering research			physics research
<b>NCSU</b>	Dr. Richard Keltie  Dr. Ranji Ranjithan	An overview of research in the College of Engineering  Research Overview of Water Resources and Environmental Engineering for Sustainability	<b>NCSU</b>	Dr. Jacqueline Krim  Dr. Loek Helminck  Dr. Hien Tran	An overview of research in the College of Physical and Mathematical Sciences  Overview of Mathematics Research at NC State  Applied Research Projects from the Department of Mathematics

Health Sciences (Animal): Prof. Enrico Ortolani			Health Sciences (Human) : Prof. Aluisio Segurado		
Network Members	Speakers	Presentation Titles	Network Members	Speakers	Presentation Titles
<b>Universidade de São Paulo</b>	Prof. Andrea Moreno	Swine diseases	<b>Universidad e de São Paulo</b>	Dr Alexandre Pereira	Translational research in cardiovascular diseases
	Prof. Antonio Piantino	Avian diseases		Profa. Helena Brentani	Genes and behaviour
	Prof. Marcos Veiga	Antibiotics resistance and mastitis		Profa. Ester Sabino	Novel biomarkers in infectious diseases
	Profa. Denise Schwartz	An overview of research in small animal medicine		Profa. Claudia Moreno	Overview of public health research at USP
	Prof. Cassio Ferrigno	Veterinary orthopedics		Profa. Helena Ribeiro	Global health research
	Prof. Marcelo Labruna	Tick-borne diseases		Profa. Margarita Antonia	Alcohol and psychoactive drugs: research training in Latin America and
	Profa. Maria Angélica Miglino	Stem cell research			

	Profa. Maria Lucia Zaidan Dagli	Research on tumors of domestic animals		Profa. Elma Pavone Zoboli Profa. Yeda Duarte Prof. Roger Chammas	Africa Ethics in primary health Gerontology research Translational research in cancer
<b>Surrey University</b>			<b>Surrey University</b>	Dr Malcolm von Schantz  Dr Abdelali Agouni  Dr Fiona Green  Dr Jennifer Ritchie  Dr Sub Reddy	An overview of health and medical sciences research at Surrey  Cardiovascular disease, diabetes & metabolism research  Biochemistry and physiology research at Surrey  Microbial Pathogenesis  Materials and biosensor research
<b>NCSU</b>	Dr. David Bristol  Dr. Maria Correa	An overview of research in the College of Veterinary Medicine  An overview of research in Population Health and Pathobiology: poultry and swine, MRSA and antibiotic resistance	<b>NCSU</b>	Dr. Roger Narayan	Laser processing of biomaterials and medical devices
<b>Sustainability and Corporate Governance : Prof. Arlindo Philippi Júnior</b>			<b>Humanities: Prof. Amâncio Jorge Silva Nunes de Oliveira</b>		
<b>Network Members</b>	<b>Speakers</b>	<b>Presentation Titles</b>	<b>Network Members</b>	<b>Speakers</b>	<b>Presentation Titles</b>
<b>Universidade de São Paulo</b>	Prof. Tércio Ambrizzi	Interdisciplinary climate investigation and Post-Graduate studies (INCLINE)	<b>Universidade de São Paulo</b>	Prof. Yishin Tang  Prof. Amâncio Santos	Conflict resolution and decision process  Overview of research in international

	<p>Prof. Paulo Artaxo</p> <p>Prof. Pedro Jacobi</p> <p>Prof. Arlindo Philippi Junior</p> <p>Prof. Jacques Marcovitch</p>	<p>Recent LBA results about the functioning of the Amazonian ecosystem</p> <p>Environmental Governance and Interdisciplinarity- challenges and answers</p> <p>Sustainability indicators</p> <p>Growth and Sustainability in Brazil</p>		<p>Prof. Sérgio Adorno</p> <p>Prof. Rogério Costa</p>	<p>affairs and political sciences</p> <p>Violence studies – an overview</p> <p>Overview of research in musics at ECA/USP</p>
<b>Surrey University</b>	<p>Dr Jane Hemsley-Brown</p> <p>Dr Jonathan Chenoweth</p>	<p>Green Universities</p> <p>Sustainability research in the Centre for Environmental Strategy: Carbon and water footprinting of tourism in the eastern Mediterranean region</p>	<b>Surrey University</b>	<p>Professor Rachel Fensham</p> <p>Dr Mandeep Dhami</p> <p>Professor Justin Edwards</p> <p>Dr Shelley Katz</p> <p>Professor David Frohlich</p>	<p>An overview of Surrey's research in arts and human sciences</p> <p>Psychology</p> <p>English, communication and language</p> <p>The Symphonova Project – the design of the world's first digital orchestra that plays in response to the gestures of a human conductor</p> <p>User-centred innovation: Surrey's Digital World Research Centre</p>
<b>NCSU</b>	<p>Dr. Frank Buckless</p> <p>Dr. Mark Beasley</p>	<p>Creating a Sustainability Value Framework</p> <p>Enterprise Risk Management: Assessing Risks and Strategies for Long-Term Sustainability</p>	<b>NCSU</b>		

<b>THEMATIC SEMINARS Wednesday and Thursday</b>					
<b>C2. Entrepreneurship - (Wednesday 14.00-17.00)</b>			<b>C3. Workshop on Internationalisation practices (Thursday 14:00-16:30)</b>		
<b>Network Members</b>	<b>Speakers</b>	<b>Presentation Titles</b>			
Universidade de São Paulo			Universidade de São Paulo	USP International Office Team	
Surrey University	Nigel Biggs  Professor Reinhard Bachmann	Entrepreneurship and innovation  'Business systems and trust - a comparative approach'	Surrey University	Peter Shelley	
NCSU	Dr. Beverly Tyler  Dr. Jonathan Bohlmann	Assymmetric Information and Decision-Making in International Partnerships  The Interplay of Customer and Product Innovation Dynamics	NCSU	David Dixon	