

Sao Paulo School of Advanced Science on Water-Energy-Food Nexus

For Better Decisions in a Complex World

FINAL PROGRAM

October 15 th Monday	October 16 th Tuesday	October 17 th Wednesday	October 18 th Thursday
OPENING CEREMONY	PART I		
<p>9h00 Registration</p> <p>9h30 Opening Session José Guimarães, Chairman Mariano Laplane, DERI Gustavo P. Valença, NIPE Alberto L. Francato, FEC</p> <p>10h00 Keynote Speaks Martin Raiser, World Bank Carlos H. B. Cruz, FAPESP</p> <p>10h00 Q&A Session</p> <p>12h00 Lunch Break</p> <p>14h00 Students' Enlist</p> <p>18h00 Happy Hour</p>	<p>9h00 Lecture 1: Emilio F. Moran – Human Dimensions of WEF Nexus: Discussion of an On-Going Project Exploring these Dimensions</p> <p>12h00 Lunch Break</p> <p>14h00 Lecture 2: Jörg Matschullat – Sustainable Agriculture in the Amazon Biome? How Water, Energy And Food (Production) Meet in One of the Global Tipping Elements</p>	<p>9h00 Lecture 3: Konstantinos Katsikopoulos – Decision Theory and Rules of Thumb</p> <p>12h00 Lunch Break</p> <p>14h00 Lecture 4: Siegmur Otto – Costs and Motivation, The two Psychological Determinants of the Water-Energy-Food-Nexus</p>	<p>9h00 Lecture 5: Gonzalo L. Pita, Modeling of natural hazards and infrastructure risk – Case Studies</p> <p>12h00 Lunch Break</p> <p>14h00 Lecture 6: André T. Beck – Uncertainty Quantification & Risk Analysis in Engineering with Applications to Infrastructure Robustness and Resilience</p>

October 19 th Friday	October 20 th Saturday	October 21 st Sunday	October 22 nd Monday
PART II		DAY OFF	PART II
Lecture 7: Catherine L. Walker – Researching the Domestic Nexus in the UK and Brazil 12h00 Lunch Break Technical Visits 14h00 LN/Nano CNPEN , Campinas	Visit: Sao Paulo City 10h00 Mário Tadeu L. Barros and Maria Cecília L. Santos , Challenges and solutions for water and land management of São Paulo metropolitan region, Mackenzie Presbyterian University 12h00 Lunch Break 14h00 Sao Paulo Bienal , Ibirapuera Park		9h00 Lecture 8: Amit Kumar – Sustainable Water-Energy-Bioelectrochemical Systems for Energy Generation and Resource Recovery 12h00 Lunch Break 14h00 Lecture 9: Joaquim E. A. Seabra – Waste-to-Energy Technologies

October 23 rd Tuesday	October 24 th Wednesday	October 25 th Thursday	October 26 th Friday
PART III			Closing Ceremony
9h00 Lecture 10: Doris C. C. K. Kowaltowski, Vanessa Gomes da Silva & Alicia J. Kowaltowski , University of Campinas 12h00 Lunch Break 14h00 Student Session	9h00 Lecture 11: Leandro Luiz Giatti – Nexus of Exclusion and Challenges to Sustainability and Health in Urban Peripheries 12h00 Lunch Break 14h00 Lecture 12: Luis A. B. Cortez – The Pro-Alcool Program Future	9h00 Lecture 13: David M. Lapola & Gabriela Di Giulio – Perspectives On Determining and Reducing People’s Vulnerability to Climate Change in Urban Areas in Brazil 12h00 Lunch Break 14h00 Lecture 14: Leila C. Ferreira – The Challenge of Climate Change in Brazil and China	9h00 Keynote Speaks Carla G. N. Macario, Embrapa Informatics Eugenio Singer, Ramboll José A. Marengo Orsini, Cemaden 11h30 Q&A Session 12h00 Closing Session Teresa Atvars, Unicamp José Guimarães, Chairman