THEMES, UAB-ICTA, 7-17 June 2006, Program

	7	8	9	10	11	12	13	14	15	16	17
9-11	**L.Lemkow, J. Martinez-Alier** Introduction, presentation THEMES and participants **D. Sauri, E. Domene** Urbanisation and Water Use in the Metropolitan Region of Barcelona	**M.Giampietro, K. Mayumi, J. Ramos-Martin,** Dealing with Complexity of Agricultural Systems	**MG/JRM/KM** Workshop 1	**MFK/CS/ACG** Workshop 2 Social Metabolism	**FREE**	**S. Funtowicz , J. van der Sluijs, R. Strand, S. Muñiz** Uncertainty, Complexity and Post-normal science	**J. van der Sluijs** The Precautionary Principle	**G. Munda** Social Multicriteria Analysis	**GM/GG/DR /IM** Workshop 4 SMCE	**J. Martinez-Alier, A. Vatn** Reflexive Neo-Malthusianism in Europe around 1900 Complexity and Institutions	**JMA/AV** Workshop evaluation THEMES and Closing Lecture
11.30-1.15	**V. Reyes-Garcia** The Ethno-Ecology Lab at ICTA	**M.Giampietro, K. Mayumi, J. Ramos-Martin** Multi-Scale Integrated Analysis of Societal Metabolism (MSIASM): theory and applications	**M. Fischer-Kowalski,** Social Metabolism and Time-Use	**S. Funtowicz , J. van der Sluijs, R. Strand, S. Muñiz** Uncertainty, Complexity and Post-normal science		**S. Funtowicz , J. van der Sluijs, R. Strand, S. Muñiz** Uncertainty, Complexity and Post-normal science	**S. Lélé** Sustainability in the tropical forest: Philosophy, Ecology and Social analysis	**G. Munda, G. Gamboa, I. Monterroso** MCE of Renewable Energy Systems, Bioinvasion of Hydrilla, Lake Izabal, Guatemala	**D. Tàbara** Modelling multiscale complexity for Integrated Sustainability Assessment of water systems, Matisse project	**A. Vatn** Complexity and Institutions	**FREE**

3-5.30	**V. Reyes-Garcia** Ethno-ecology: Bolivian case study	**M.Giampietro, K. Mayumi, J. Ramos-Martin,** Multi-Scale Integrated Analysis of Societal Metabolism (MSIASM): theory and applications	**M. Fischer-Kowalski, C. Sendra, A. Citlalic Gonzalez** Social Metabolism, MFA – Spain, Catalonia, Mexico	**S. Funtowicz , J. van der Sluijs, R. Strand, S. Muñiz** Uncertainty, Complexity and Post-normal science	**FREE**	**SF, JS, SM** Workshop 3 Uncertainty, complexity, post-normal science	**R. Zahn** Certainties, uncertainties and surprises in climate change **A. Rosell** Earth System Science or the science of Gaia **S. Rossi** The animal Forest: An Endangered Ecosystem	**G. Munda, G. Gamboa, D. Russi,** MCE of Renewable Energy Systems, Cont.	***N. Kosoy, R. Muradian, J. Martinez-Alier** Payment for hydric environmental services - Central America	**JMA/AV** Workshop 5 Participants presentation	
6-7.30			**J.Dryzek** Deliberative innovation to different effects: cross national comparisons					**B. Rodríguez Labajos, R. Binimelis, I. Monterroso** Bioinvasions in Ebro River **B. Ozkaynak,** Scenarios of Urban Development	***A. Lobo, M. Orta** Remote Sensing: oil impact in Peru		

* **Special program: 3.00-5.00 and 5.30-7.00.**

ACG Ana Citlalic Gonzalez
AV Arild Vatn
CS Cristina Sendra
DR Daniela Russi
GG Gonzalo Gamboa
GM Giuseppe Munda
KM Kozo Mayumi
JMA Joan Martínez-Alier
JRM Jesus Ramos-Martin
JS Jeroen van der Sluijs
MFK Marina Fischer-Kowalski
MG Mario Giampietro
SM Sigrid Muñiz
SF Silvio Funtowicz