

# Interdisciplinary Education & Teaching

## *in the 21st Century*

“Everything in Nature is part of science.”

Scimat (Science Matters) is the new multidiscipline that treats all human-dependent matters as part of science, wherein, humans are studied scientifically from the perspective of complex systems. It encourages collaboration between the humanists and natural scientists. As our world (and job market) is ever changing, rapidly and unpredictably, and problem solving in the real world knows no disciplinary boundaries, interdisciplinary education and teaching have become important in universities worldwide. Accordingly, this fifth international conference in the biennial series covers Interdisciplinary Education, General Education, and Interdisciplinary Teaching. It features reviews by top experts from around the world, plus contributed papers

### Estalagem Muchaxo Hotel

## CASCAIS, Portugal \* 28th -30th October 2015

Harvard University, Professor (USA) DEIRDRE BARRETT	Dreams and Creative Problem Solving
Rocha Cabral Institute, Researcher (Portugal) MARIA BURGUETE	Interdisciplinary Concepts
Euroscience, Hon. President (France) JEAN-PATRICK CONNERADE	Teaching Science to Poets
Braga University, Professor (Portugal) MANUEL CURADO	Science as Mirror of the Scientist, not of the World
University of Florence (Italy) ELISA GUBERTI	Interdisciplinary Skills for Complex Global Environments
Renmin University of China (China) YUE GUO	Youth Image in Chinese and American Youth Films
University Paris Diderot (France) BAUDOUIIN JURDANT	Science and Literature
San Jose State University, Professor (USA) LUI LAM	Humanities, Science, Scimat: A New GE Course
Group Analytic Psychotherapist (Portugal) ANA PAULA MOITA	A Successful Therapy for Personality Disorders
Evora University, Biology Professor (Portugal) MANUEL MOTA	An Interesting History of Biology
Engineering Education Society, President (Portugal) JOSÉ QUADRADO	Interdisciplinarity in Education
Pantaneto Forum, Director and Astrophysics (UK) NIGEL SANITT	University Textbooks in the Digital World
INIV/ IST (Portugal) António SARAIVA & Ricardo MIRANDA	The Earth Chart: Challenges & Controversies
Max-Planck Institute Berlin, Researcher (Germany) ANNETTE VOGT	Science in Education
Renmin University of China (China) Donghui ZHANG & Tianying XUAN	General Education in China

#### Cochairs:

Maria Burguete (Portugal) and Jean-Patrick Connerade (France/UK)

#### International Advisors:

Manuel Bicho (Portugal); João Caraça (Portugal) ; Jean-Patrick Connerade (France) ; Patrick Hogan (USA); Brigitte Hoppe (Germany); Lui Lam (USA) ; John Onians (UK); David Papineau (UK) ; Michael Shermer (USA); Edward O. Wilson (USA) and Robin Warren (Australia).

This conference is under the auspices of the International Science Matters Committee; members: Manuel Bicho (Portugal), Peter Broks (UK), Maria Burguete (Portugal), João Caraça (Portugal), Paul Caro (France), Patrick Hogan (USA), Brigitte Hoppe (Germany), Lui Lam (USA), Bing Liu (China), Dun Liu (China), John Onians (UK), David Papineau (UK), Nigel Sanitt (UK), Ivo Schneider (Germany), Michael Shermer (USA), and Robin Warren (Australia).

