## Humanities as SCIENCE MATTERS History, Philosophy & Arts

"Everything in Nature is part of science."

Science Matters (SciMat) is the new discipline that treats all human-dependent matters as part of science, wherein, humans (the material system of Homo sapiens) are studied scientifically from the perspective of complex systems. Humanities, the knowledge about humans, are thus a part of SciMat. Like in any other subject, humanities could be studied at three different levels or with three approaches - empirical, phenomenological and the bottom-up. This fourth international conference in the biennial series covers all three approaches with particular attention paid to the bottom-up approach. It will emphasize History, Philosophy, and Arts (including Literature). The conference will feature reviews by top experts from around the world, plus contributed papers.

## Casa do Infante, O'Porto

PORTUGAL, 15th -17th, October 2013

East Anglia University, United Kingdom KAJSA BERG

Science history & philosophy professor, Portugal MARIA BURGUETE

European Academy of Sciences, Arts & Letters, France JEAN CONNERADE

Maître de conférences, France ANNE-SOPHIE GODFROY

European Academy of Sciences, Arts & Letters, France FRANÇOISE ICART

San Jose State University professor, United States LUI LAM

Arts professor, Portugal MARTA DE MENEZES

Biology Professor Minho University, Portugal ALEXANDRA NOBRE University College London, United Kingdom HAUKE RIESCH

Attune Institution, Suriname G.SMITH & NSU, United States E. BASTIDAS

Pantaneto Forum Director, United Kingdom NIGEL SANITT

Université de Perpignan Via Domitia, France DAVID SCHMOOL

Architect & Designer, Portugal RITA ROQUETTE DE VASCONCELLOS Architecture & Form

European Academy of Sciences, Greece GREGORY VASTATZIDIS Heuristic Potential of Amplifier Simulacrum

Introducing NeuroArtHistory: Paintings and Neurons

Generation of 1911: A Case Study in Portugal

Science, Culture and Anti-science

Science & Gender

Arts, Photography & Science

Science Matters: Its Philosophy and History

Art and Biology: A Story about Art Research

**Biology & Art Complicity** 

**Humour and Science Communication** 

Indigenous Knowledge Systems and Science

From Science to Fiction

Insights into Solid State Physics: Basic Phenomena and Teaching

## Cochairs:

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## **International Advisors:**

Manuel Bicho (Portugal), João Caraça (Portugal), 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).









