

# Third International Science Matters Conference

## ALL ABOUT SCIENCE

PHILOSOPHY, HISTORY, SOCIOLOGY & COMMUNICATION

Calouste Gulbenkian Foundation, Lisbon, Portugal

November 21-23, 2011

*“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. Science is a subset of human activities aiming to understand how Nature (consisting of human and nonhuman systems) works. The Science process is a human-dependent matter and hence part of SciMat. This third international conference in the biannual series features discussions on *human-dependent parts of science*, emphasizing the philosophy, history, sociology and communication of science from the perspective of SciMat, while contributions from other topics of SciMat are welcome and encouraged. The conference is made up of review talks on all aspects of science by top experts around the world, and contributed papers. SciMat website: [www.sjsu.edu/people/lui.lam/scimat](http://www.sjsu.edu/people/lui.lam/scimat)

### Invited Speakers

United Kingdom	DAVID PAPINEAU	<i>Skeptical Philosophy of Science</i>
United Kingdom	NIGEL SANITT	<i>What Do Scientists Know!</i>
Germany	JURGEN RENN	<i>The Globalization of Knowledge in History</i>
Australia	ROBIN WARREN	<i>Discovering Helicobacter (Nobel Prize 2005)</i>
USA/China	LUI LAM	<i>All About Science and Science Matters</i>
Portugal	MARIA BURGUETE	<i>Medical Studies in Coimbra 1911</i>
United Kingdom	PETER BROKS	<i>Science Communication: A History and Review</i>
Portugal/UK	ISABEL PESSÔA-LOPES	<i>Homo Cosmicus &gt; &lt; Natura Fractalis</i>
Portugal	FRANCISCO SANTOS	<i>Evolutionary Dynamics of Collective Action</i>
China	LI-MENG QIU	<i>Motivation Degrees of the Traditional and the Simplified Chinese Characters</i>
Spain	MARTA RUEDA	<i>Synchronicity: Approaching the Mind-Matter Dialog</i>
United Kingdom	KAJSA BERG	<i>Understanding Art through Science: From Socrates to the “Contextual Brain”</i>
Portugal	LEONOR BELTRAN	<i>Creative Dance</i>
Portugal	FRANCISCO MACHADO	<i>Planet Earth : Enough for All?</i>

### International Advisors

Paul Caro (France), Bärbel Friedrich (Germany), Janos Fröhling (Belgium), Brigitte Hoppe (Germany), Dun Liu (China), Nigel Sanitt (UK), Michael Shermer (USA), Edward O. Wilson (USA)

### Cochairs

Maria Burguete (Portugal, [confsciencematters@gmail.com](mailto:confsciencematters@gmail.com))

Lui Lam (USA, [lui2002lam@yahoo.com](mailto:lui2002lam@yahoo.com))

### Contact

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### Sponsors



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

Further Information: [www.sciencemattersconferences.com](http://www.sciencemattersconferences.com)