

A Conference on

"Quantum mechanics and algebraic geometry: an example of reciprocal influence between german and italian science in the first half of XX century"

will be held on March 23, 2009 at

Istituto Italiano di Studi Germanici,
via Calandrelli, 25
villa Sciarra Wurts sul Gianicolo
00153 Roma (Italy)

Programme

- 9.20 - 9.30 Welcome
9.30 - 10.20 **F. Catanese** (University of Bayreuth)
"Italian lust for geometry, and German passion for algebra:
was a divorce inevitable?"
10.20 - 10.50 Coffee break
10.50 - 11.40 **H. Kragh** (University of Aarhus)
"The fine-structure constant, spinning electrons, and
relativistic quantum theory."
11.50 - 12.40 **D. Duerr** (University of Muenchen)
"From Ontology to Non Commutativity: Boltzmann, Bohm
and Born."
12.50 - 15.00 Lunch
15.00 - 15.50 **F. Guerra** (Sapienza University of Roma)
"Quantum mechanics and quantum field theory."
16.00 - 16.50 **S. Albeverio** (University of Bonn)
"On the origins of the theory of quantized fields."

Organizing committee: V. Cappelletti, P. Freguglia, S. Graffi, A. Teta

The conference is organized in the framework of the project *"Origin and development of quantum theory: Max Born and the Goettingen school"* and it is sponsored by Istituto Italiano di Studi Germanici.