



## SCHOOL ON THEORY AND MATHEMATICS MODELING OF ULTRASHORT PULSE PROPAGATION

Sunday, March 18, 2012 - Tuesday, March 20, 2012

**FOCUS AREA: ULTRA-FAST PHYSICS OF LIGHT MATTER COUPLING**

Farhad Faisal (Bielefeld)  
**Intense Field Single and 2-electron  
Photo-Ionization of Atoms and  
Molecules**

Stephan Koch (Marburg)  
**Non-Equilibrium Plasma Theory: Many-  
Body Effects and Coupling to Light  
Field**

Miroslav Kolesik (Arizona)  
**Building Physics Models for Ultra Short  
Pulse (USP) Propagation**

This school is intended for  
graduate students or advanced  
undergraduate students,  
seeking an accelerated  
exposure to theory and  
mathematics describing  
ultrashort pulse propagation.

Registration Fee: \$100 to cover incidentals.

A finite number of partial reimbursements  
for travel and lodging may be awarded  
competitively.

For more information please contact:

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