

# ENOS13: International Workshop

# Extreme Nonlinear Optics & Solitons

**October 28 - 30, 2013**

Weierstrass Institute  
for Applied Analysis and Stochastics  
Mohrenstraße 39  
10117 Berlin

## organizers

S. Amiranashvili (WIAS Berlin)  
U. Bandelow (WIAS Berlin)  
C. Brée (WIAS Berlin)  
A. Vladimirov (WIAS Berlin)

## program

Lectures are scheduled from Monday morning until Wednesday afternoon. Apart from the invited talks, there will be a limited number of contributed talks and possibly a poster session.

## conference fee

The conference fee of 70 € covers break refreshments, a conference dinner, and a booklet of abstracts.

## deadlines

Registration / Abstract submission:

**September 2, 2013.**

Conference hotel registration:

**September 29, 2013.**

## contact

enos13@wias-berlin.de  
www.wias-berlin.de/workshops/enos13

The workshop brings together researchers working in the following topics:

- non-perturbative aspects of nonlinear optics
- femtosecond filaments
- self-compression, filaments & light “bullets”
- optical rogue waves
- modeling of extreme pulses
- cavity solitons, fiber solitons
- dissipative solitons in optics and other fields
- optical turbulence in fibers
- polariton solitons
- few-cycle pulses and optical gravity
- solitons in metamaterials

## support



Weierstrass Institute for Applied  
Analysis and Stochastics



DFG Research Center MATHEON  
Mathematics for key technologies

## invited speakers

- T. Ackemann (Glasgow, UK)
- L. Bergé (Palaiseau Cedex, France)
- K. Busch (Berlin, Germany)
- A. Demircan (Hannover, Germany)
- O. Egorov (Jena, Germany)
- C. Fallnich (Münster, Germany)
- W. Firth (Glasgow, UK)
- S. Gurevich (Münster, Germany)
- A. Husakou (Berlin, Germany)
- G. Huyet (Cork, Ireland)
- J. Imbrock (Münster, Germany)
- M. Ivanov (Berlin, Germany)
- J. Kasparian (Geneva, Switzerland)
- M. Kovacev (Hannover, Germany)
- U. Leonhardt (Tel Aviv, Israel)
- F. Mitschke (Rostock, Germany)
- P. Polynkin (Tucson, USA)
- A. Saenz (Berlin, Germany)
- D. Skryabin (Bath, UK)
- S. Skupin (Dresden, Germany)
- G. Steinmeyer (Berlin, Germany)
- M. Tlidi (Brussels, Belgium)
- D. Turaev (London, UK)
- S. Turitsyn (Birmingham, UK)
- S. Zelik (Surrey, UK)



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