



THE ABEL SYMPOSIUM 2007

ALGEBRAIC TOPOLOGY

AUGUST 5-10 2007, OSLO, NORWAY

On behalf of the Abel Board, the Norwegian Mathematical Society organizes the Abel Symposia, a series of high level research conferences. The topic for the 2007 Abel Symposium is Algebraic Topology, with emphasis on the interaction between the themes:

- Algebraic K-theory and motivic homotopy theory
- Structured ring spectra and homotopical algebraic geometry
- Elliptic objects and quantum field theory

The organizing committee consists of Eric Friedlander (Northwestern), Stefan Schwede (Bonn) and Graeme Segal (Oxford), together with the local organizers Nils A. Baas (Trondheim), Bjørn Ian Dundas (Bergen), Bjørn Jahren (Oslo) and John Rognes (Oslo).

The conference will take place at the Department of Mathematics, University of Oslo, from Sunday August 5th to Friday August 10th. There will be plenary lectures from Monday August 6th through Thursday August 9th, including survey lectures on the major recent advances in the three themes, together with more specialized lectures.

<http://abelsymposium.no/2007>

The following invited speakers have agreed to contribute with lectures ((* = to be confirmed):

Matt Ando (UIUC) • John Baez (UCR) • Mark Behrens (MIT) • Ralph Cohen (Stanford) • Hélène Eshnault (Essen) • Dan Freed (Austin) • Lars Hesselholt (MIT/Nagoya) • Mike Hopkins (Harvard) • Uwe Jannsen (Regensburg) • Marc Levine (Northeastern) • Jacob Lurie (Harvard) • Alexander Merkurjev (UCLA) • Fabien Morel (München) • Charles Rezk (UIUC) • Stefan Stolz (Notre Dame) • Neil Strickland (Sheffield) • Dennis Sullivan (SUNY) • Andrei Suslin (Northwestern) (*) • Ulrike Tillmann (Oxford) • Bertrand Toën (Toulouse)