

SUMMER SCHOOL ON MATHEMATICAL PHYSICS, ANALYSIS AND STOCHASTICS

HEIDELBERG UNIVERSITY, INSTITUTE FOR THEORETICAL PHYSICS
JULY 21–26, 2014

ORGANISATION: M. SALMHOFER (HEIDELBERG) AND C. KOPPER (PALAISEAU)

This school introduces students and postdocs to recent results and techniques at the border between mathematical physics, analysis and stochastics. There will be two lecture series:

SELF-AVOIDING WALK IN FOUR DIMENSIONS

Lecturers:

Roland Bauerschmidt, IAS, Princeton
David Brydges, UBC, Vancouver
Gordon Slade, UBC, Vancouver

EFFECTIVE EQUATIONS FOR QUANTUM MANY-BODY SYSTEMS

Lecturers:

Marcello Porta, HCM Bonn/Zurich University
Benjamin Schlein, HCM Bonn/Zurich University

The lectures will be supplemented by tutorial sessions. In addition, there will be sessions in which the participants can briefly present their own interests and projects.

The participation fee is 100,- EUR. Financial support of 500,- EUR per person is available for a limited number of participants. To apply for participation and possible financial support, send the completed application form (see <http://www.thphys.uni-heidelberg.de/summerschool2014>) to mpschoold2014@gmail.com.

