

Summer School GEOQUANT 2017

University of Aarhus, QGM, Denmark

July 31 – August 4, 2017

The school constitute the first week of the biannual activity GEOQUANT, which this year will take place from July 31 – August 11, 2017 at the University of Aarhus, Centre of Quantum Geometry of Moduli Spaces. The school mainly addresses students, post-docs and other researchers who are interested in entering the field of Geometry and Quantization. For more information about the topics of the full activity see the webpage

<http://qgm.au.dk/events/show/artikel/geoquant-2017/>.

Lectures

- Jørgen Ellegaard Andersen (Aarhus, Denmark): *Geometric Quantisation of Moduli Spaces*
- Kohei Iwaki (Nagoya University, Japan): *Exact WKB analysis and related topics*
- Si Li (Tsinghua University, China): *BV quantization and geometric applications*
- Alexander Veselov (Loughborough University, UK): *Algebra and geometry of quantum Calogero-Moser systems*

Each of these courses are planned for 4-5 hours. In addition to them we will allow short presentations (e.g. posters, talks by the participants). Also regular discussion sessions are foreseen. Abstracts of the Lectures can be found on the above mentioned webpage.

Registration and Financial Support:

In case that you want to participate please register for the activity on the above mentioned webpage. The deadline for registration is 20 June 2017.

There will be limited financial support for junior scientists. In case you want to apply for it please register before **30 May 2017** on the webpage.

We also recommend for students from economically less-favoured regions within the geographical area of European Mathematical Society membership to think about applying in the frame of the EMS solidarity funds, see <http://www.euro-math-soc.eu/committee/european-solidarity> (deadline in April 2017).

Sponsors: Centre for Quantum Geometry of Moduli Spaces; University of Luxembourg, Mathematics Research Unit; Belspo IAP Project DYGEST, Belgium; Foundation Compositio Mathematica.

Scientific Organization Committee: Martin Schlichenmaier (Luxembourg University, Luxembourg) (**main contact**), Jørgen Ellegaard Andersen (Aarhus University, Denmark), Pierre Bieliavsky (Louvain la Neuve, Belgium), Huijun Fan (Peking University, China), Ryoichi Kobayashi (Nagoya University, Japan), Armen Sergeev (Steklov Mathematical Institute, Moscow, Russia), Oleg Sheinman (Steklov Mathematical Institute, Moscow, Russia).