



General Mathematics Seminar (GMS)

of the University of Luxembourg

in cooperation with the Luxembourg Mathematical Society

Tuesday, 5 of March 2019, 4:00 pm

Campus Belval, Maison du Nombre, room MNO 1.050

Prof. Dr. Jørgen Ellegaard Andersen (Aarhus University,
Director of the Centre for Quantum Geometry of Moduli Spaces)

Jørgen Ellegaard Andersen is Professor and Director of the Centre for Quantum Geometry of Moduli Spaces at Aarhus University. He is also Distinguished Visiting Professor at California Institute of Technology. Before that, he was Director of the Center for the Topology and Quantization of Moduli Spaces. Among his many prizes and grants are a Clay Mathematical Institute research scholarship, which he did spend at University of California Berkeley, a big National Science Foundation grant joint with Alan Weinstein, an ERC Synergy Grant (as the corresponding PI), a Niels Bohr Professor Initiative and a DNRF Center of excellence.



The new formulation of the Teichmüller TQFT

A few years ago we define the Teichmüller TQFT, which is based on a deformation of quantum Teichmüller theory. In its original formulation there was a certain homology assumption needed to guarantee finiteness of the involved integrals in the definition of that TQFT. In our new formulation, this assumption is no longer needed. The talk will be focused on our new formulation and if time permits the relation to the old formulation. The talk is based on joint work with Rinat Kashaev.

Coffee and cookies: 15:40 (3:40 p.m.) on the 6th floor of the MNO, in the kitchen corner of maximal distance to the elevator.

Time and place of the talk: 16:00 (4:00 p.m.) in the Maison du Nombre, MNO 1.050

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Coordinator: Alexander D. Rahm