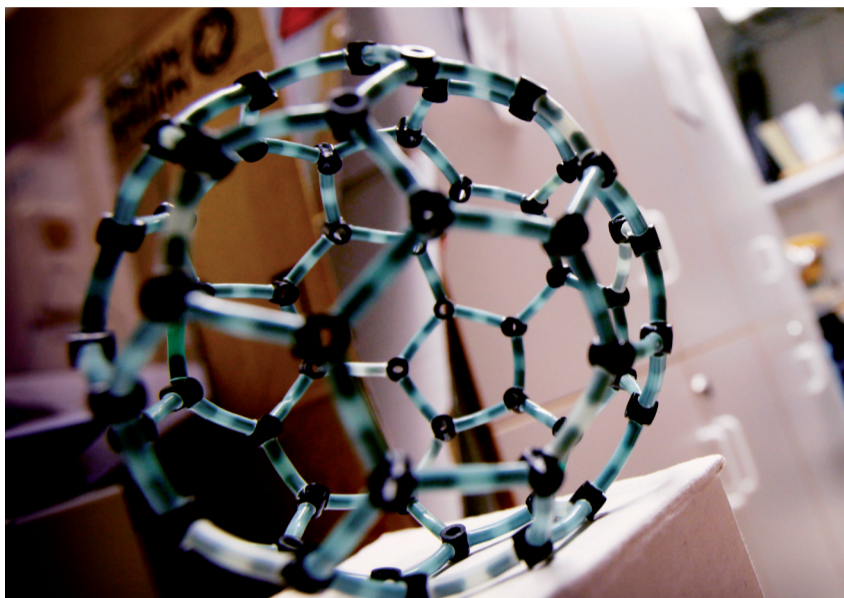


University of Gothenburg Summer School on **Mathematical Topics in Quantum Mechanics and Quantum Information**

The Sven Lovén Centre for Marine Sciences, Tjärnö, September 5-9, 2011



The aim of the summer school is to introduce PhD students and junior researchers to mathematical methods of quantum mechanics and quantum information.

Lectures on:

Selected mathematical problems of quantum systems

Tony Dorlas, Dublin Institute of Advanced Studies

Connections between number theory, algebra, and physics

Terry Gannon, University of Alberta

Quantum communication channels from algebraic point of view

Alexander Holevo, Steklov Mathematical Institute

Noncommutative principal fiber bundles

Christian Kassel, CNRS and University of Strasbourg

Introduction to deformation theory and deformation quantization

Abdenacer Makhlouf, Université de Haute Alsace

For information and registration, please visit <http://www.agmp.eu/3q11/>
or contact Alexander Stolin, Mathematical Sciences, University of Gothenburg &
Chalmers University of Technology, e-mail: astolin@chalmers.se

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