



Winter school in mathematical physics

Mathematical Aspects of Quantum Field Theory

January 29 – February 3, 2012

Organizing committee: Damien Calaque (ETHZ and UCBL) and Thomas Strobl (UCBL)

Scientific committee: Anton Alekseev (UNIGE), Alberto Cattaneo (UZH),
Giovanni Felder (ETHZ), Andras Szenes (UNIGE)

Minicourses:	Kevin Costello (Northwestern)	Mathematical aspects of (twisted) supersymmetric gauge theories
	Klaus Fredenhagen (Hamburg)	Perturbative Algebraic Quantum Field Theory
	Gregory Ginot (Paris)	Factorization (co)Homology
	Nikita Nekrasov (IHES)	N=2 theories, classical and quantum geometry
	Nicolai Reshetikhin (Berkeley)	On semiclassical topological field theories
Lectures:	Jørgen Andersen (Aarhus), Ludwig Faddeev (Steklov), Jürg Fröhlich (ETHZ), Rinat Kashaev (UNIGE)	

Deadline for registration: January 2, 2012

Contacts: <http://www.unige.ch/math/folks/podkopaeva/leshouches2012/> – leshouches@math.univ-lyon1.fr

Les Houches is a village located in Chamonix valley, in the French Alps. Established in 1951, the Physics School is situated at 1150 m above sea level in natural surroundings, with breathtaking views on the Mont-Blanc mountain range.

Les Houches Physics School is affiliated with Université Joseph Fourier Grenoble I (UJF). The school is a joint interuniversity facility of UJF and Grenoble-INP, and is supported by the UJF, the Centre National de la Recherche Scientifique (CNRS) and the Direction des Sciences de la Matière du Commissariat à l'Energie Atomique (CEA/DSM).

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