



Summer school Les Houches Structures in local quantum field theory

ZEIT:

7.6.2010 - 25.6.2010

ORT:

Les Houches
France

Conference organizers:

Spencer Bloch (Chicago U.)
Francis Brown (Inst. Math. Jussieu)
Dirk Kreimer (IHES)

<http://houches.ujf-grenoble.fr/>

Topics include:

- Perturbative quantum field theory, Hopf algebras and renormalization
- Feynman diagrams, Hodge structures and algebraic geometry
- AdS/CFT correspondence and Britto-Cachazo-Feng-Witten recursions
- QFT and Dyson-Schwinger equations in gauge theory and quantum gravity

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