



## 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

**Kontakt:**

Humboldt-Universität zu Berlin . Institut für Mathematik  
SFB 647 . Unter den Linden 6 . 10099 Berlin  
Tel. +49 30 2093 1804 . Fax. +49 30 2093 2727  
[sfb647@math.hu-berlin.de](mailto:sfb647@math.hu-berlin.de)

[www.raumzeitmaterie.de](http://www.raumzeitmaterie.de)