

International Graduate School “Bielefeld-Paris” and
Deutsch-Französische Hochschule / Université Franco-Allemande present:

Analytic Methods for Quantum Fields at High Temperatures

University of Bielefeld, Germany, September 10 – 14, 2007

Featuring:

Effective kinetic theory for high temperature gauge theories (P. Arnold, Charlottesville)

Quantum field theory in a finite volume (S. Capitani, Bielefeld)

String-theory inspired methods for hot QCD (K. Kajantie, Helsinki)

Hot QCD with a non-trivial background (C. Korthals Altes, Marseille)

Basics of thermal particle production (M. Laine, Bielefeld)

2PI methods for scalar field dynamics (J. Serreau, Paris)

Daily exercises and tutoring sessions will be offered.

For further information, contact gudrun@physik.uni-bielefeld.de, or visit
<<http://www.physik.uni-bielefeld.de/igs/schools/Fall2007/analytic.html>>.