

# ASPECTS OF QCD AT FINITE DENSITY

**BIELEFELD UNIVERSITY , GERMANY**  
**SEPTEMBER 19 – 23, 2011**

Block Course of the International Graduate School, GRK 881  
„Quantum Fields and Strongly Interacting Matter“  
Bielefeld – Helsinki - Paris

## Lecturers:

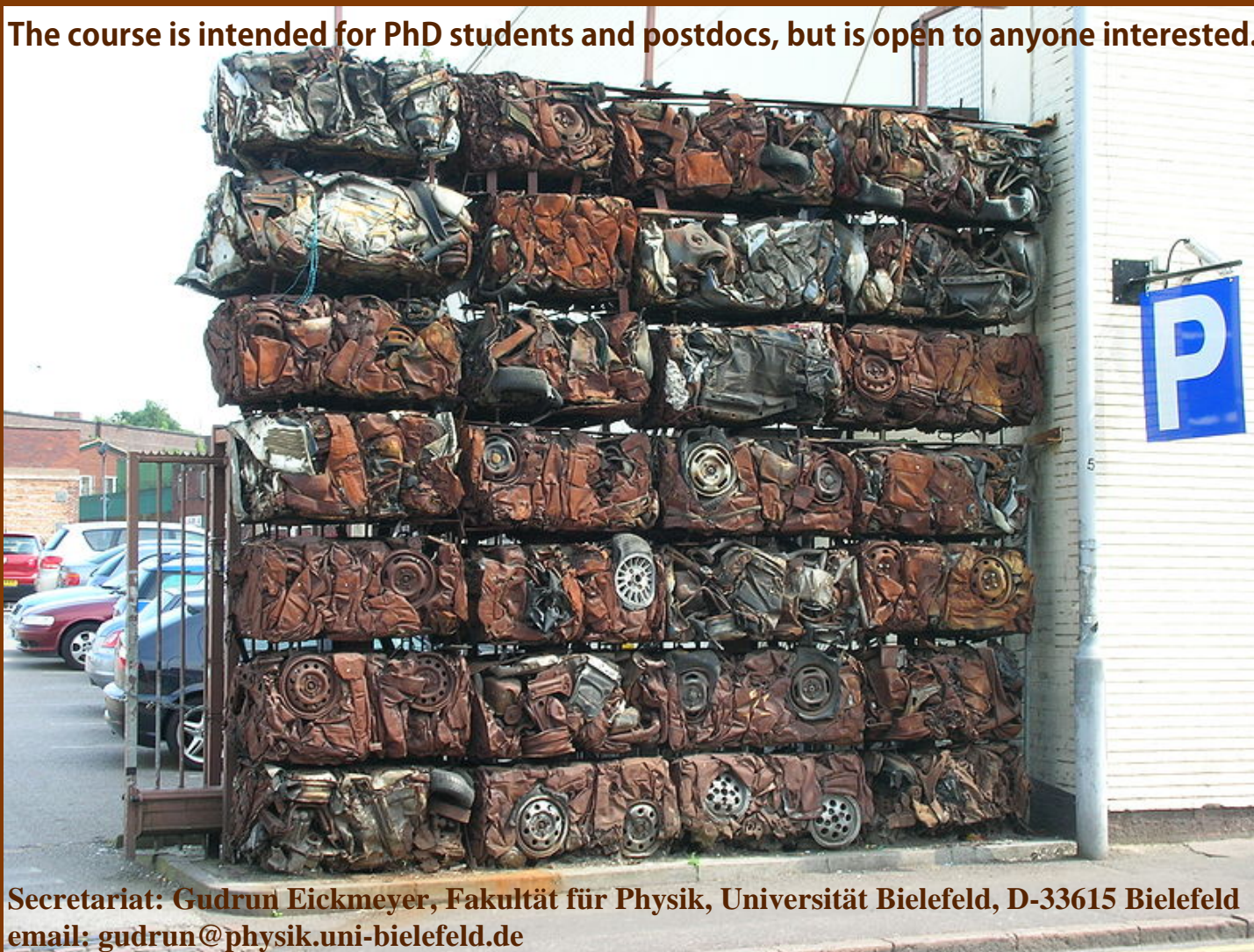
G. Akemann  
Bielefeld  
P. Chesler  
MIT  
K. Fukushima  
Keio  
A. Kurkela  
McGill  
J. Schaffner-Bielich  
Heidelberg  
C. Schmidt  
FIAS Frankfurt  
A. Schwenk  
TU Darmstadt

## Organizers:

T. Brauner, Bielefeld  
A. Vuorinen, Bielefeld

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Deutsche Forschungs-  
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The course is intended for PhD students and postdocs, but is open to anyone interested.



## Topics include:

- Thermodynamic properties of dense nuclear and quark matter
- Deconfined QCD matter in nature: Heavy ion collisions and neutron stars
- Recent advances in lattice and perturbative QCD at finite density
- Novel approaches to strongly coupled systems

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