



Practical information

Organizers:

Björgvin Hjörvarsson (SE)
Hartmut Zabel (DE)

Homepage:

www.fysik.uu.se/tamm/frontier

Duration:

14–19 September 2008

Location:

Nässlingen (<http://www.nasslingen.se/>)

Supported by:

Centre for Dynamic Processes and Structure
Formation
The Swedish Research Council
TAMM
SFB491

Registration:

By e-mail to TAMM@fysik.uu.se

ABOUT THE SUMMER SCHOOL

The purpose is to provide state of the art knowledge on magnetic phase transitions as well as perspectives on recent development. The target group is advanced master and PhD students, as well as senior researchers.

The focus will be on the fundamentals of magnetic phase transitions. The participants will obtain up-to-date knowledge of the most recent developments within the field.

This event is second in the series of the joint Swedish–German initiative within the field of modern magnetism, starting at Haus Villigst, Schwerte, Germany in 2007.

All the invited speakers are well known experts within their fields and there will be substantial time reserved for discussions.

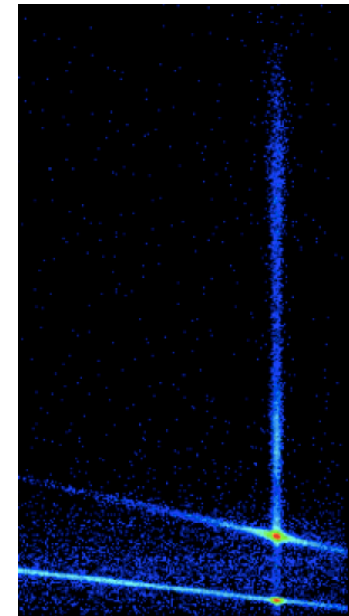
The official language is ENGLISH.

DATES AND DEADLINES

Registration: 1/8 2008
Bank transfer: 1/9 2008
Arrival: 14/9 2008,
Welcome buffet 19.00
Departure: 19/9 2008

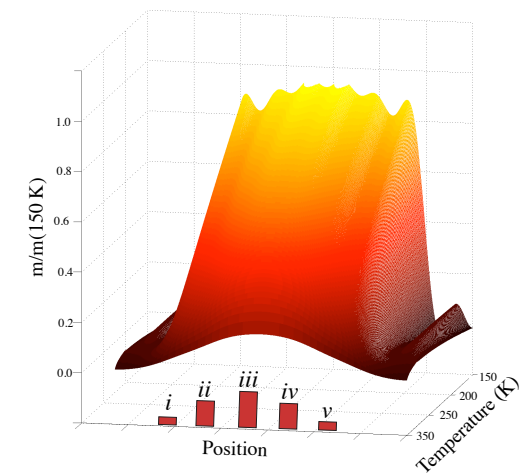
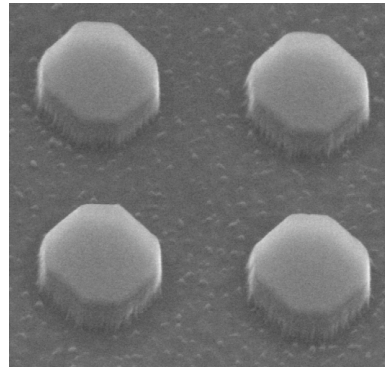
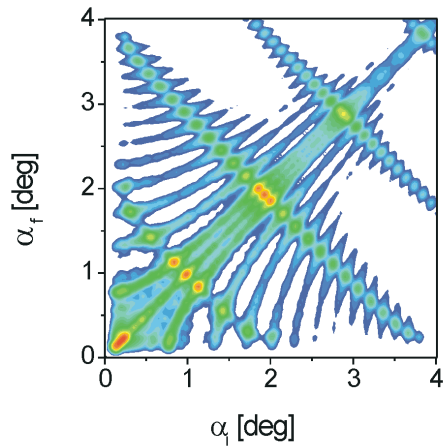
FRONTIERS IN MODERN MAGNETISM

MAGNETIC PHASE TRANSITIONS



A JOINT SWEDISH-
GERMAN SUMMER
SCHOOL

14-19 SEPTEMBER
2008



JOINT SWEDISH-GERMAN INITIATIVE

Topics

Concepts

Phase transitions
 Critical Phenomena
 Confinement and ordering
 Geometrical frustration
 Spin glasses
 Perspectives

Methods

Calculations
 Neutron scattering
 XMCD
 XRMS
 FMR
 Speckle holography

Perspectives

Magnetic Universe
 Fundamentals
 Applications

REGISTRATION:

Registration deadline: 1. August, 2008
 In order to register please provide the information specified on the web site:
www.fysik.uu.se/tamm/frontier

The total number of participants is limited to 50. Applications will be dealt with on a first come first accepted principle.

REGISTRATION FEE

The registration fee is 300,- EUR for members of the SFB491 and the TAMM network. The registration fee is 500,- EUR for all others. Post deadline registration fee is 400/600 EUR.

The registration fee covers full lodging and meals for the entire workshop. The registration has to be transferred in advance by invoice payment before 1st September, 2008.

Please contact kriloo@fysik.uu.se concerning payment issues.

Invited Speakers

Concepts

Peter Holdsworth (FR)
 Steve Bramwell (UK)
 Per Nordblad (SE)

Methods

Elena Vedmedenko (DE)
 Peter Böni (DE)
 Wolfgang Kuch (DE)
 Jean-Marc Tonnerre (FR)
 Tom Hase (UK)
 Stefan Eisebitt (DE)

Perspectives

Stuart Parkin (US)
 Russel Cowburn (UK)
 Bengt Gustavsson (SE)