

Second Invitation

**June 12-17, 2011 at Harjattula Mansion, Turku, Finland**

Prizztech Magnet Technology Centre invites you to the European Summer School on Superconductivity. The School will cover all the aspects of superconductivity from physics to applications, including the latest developments.

List of topics

- LTS & HTS theory
- Flux dynamics
- LTS materials
- HTS materials
- MgB₂
- Cryogenics
- Cables & FCL
- Stability and quench
- AC Losses
- Rotating Machines
- SMES & Transformers
- SQUID/Brain Research
- Electronics
- Roadmap of Superconductivity

Who should attend?

The summer school will be of interest for students (Master, PhD), for Post-Docs, for engineers and scientists, and for those who want to learn more about superconductivity.

Schedule

Lessons start on Monday 13th of June at 09:00 a.m. and will end on Friday 17th of June at about 14 o'clock.

Application for participation

Up to 25 participants are chosen based on applications, which should include a short CV, abstract on participant's research work/plan and a letter of introduction by his/her supervisor. Applications are sent to Martti Paju at Prizztech.

Venue

For venue we have chosen the Harjattula Mansion (www.harjattula.fi), located about 20 km outside the city of Turku, in the archipelago. Accommodation will be in double rooms.

Fees

The School fee is 500 € / person (VAT excluded), including tuition, meals, accommodation and transports during the school. All the accepted students will get an invoice before the seminar. Participation includes a copy of all lectures.

Organized by

Prizztech Oy/Magnet Technology Centre
Karlsruhe Institute of Technology (KIT)
Grenoble Institute of Technology
Le centre National de la Recherche Scientifique (CNRS)
L'Université Joseph Fourier (UJF)

Local organizers

Tampere University of Technology (TUT)
University of Turku (UTU)
Prizztech Oy/Magnet Technology Centre (MTC)
University of Jyväskylä (JYU)

Supported by

The European Society for Applied Superconductivity (ESAS)
Consortium of European Companies Determined To Use Superconductivity (CONNECTUS)
Satakunta Development Agency

Transportation

Turku can be reached by airplane, train or bus. Flight information: www.finavia.fi. Turku airport is located 8 km from the city centre. More useful information can be found in: www.turku.fi, www.vr.fi (railway connections) and www.matkahuolto.fi (bus connections). For local connections look (www.harjattula.fi).

Important dates

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| Febr. 2011 | Second invitation (registration opens) |
| April 2011 | Information on acceptance |
| 12. - 17.6.2011 | School |

WELCOME TO TURKU- THE EUROPEAN CAPITAL OF CULTURE 2011!

Martti Paju
Director of the Magnet Technology Centre
Prizztech Ltd.