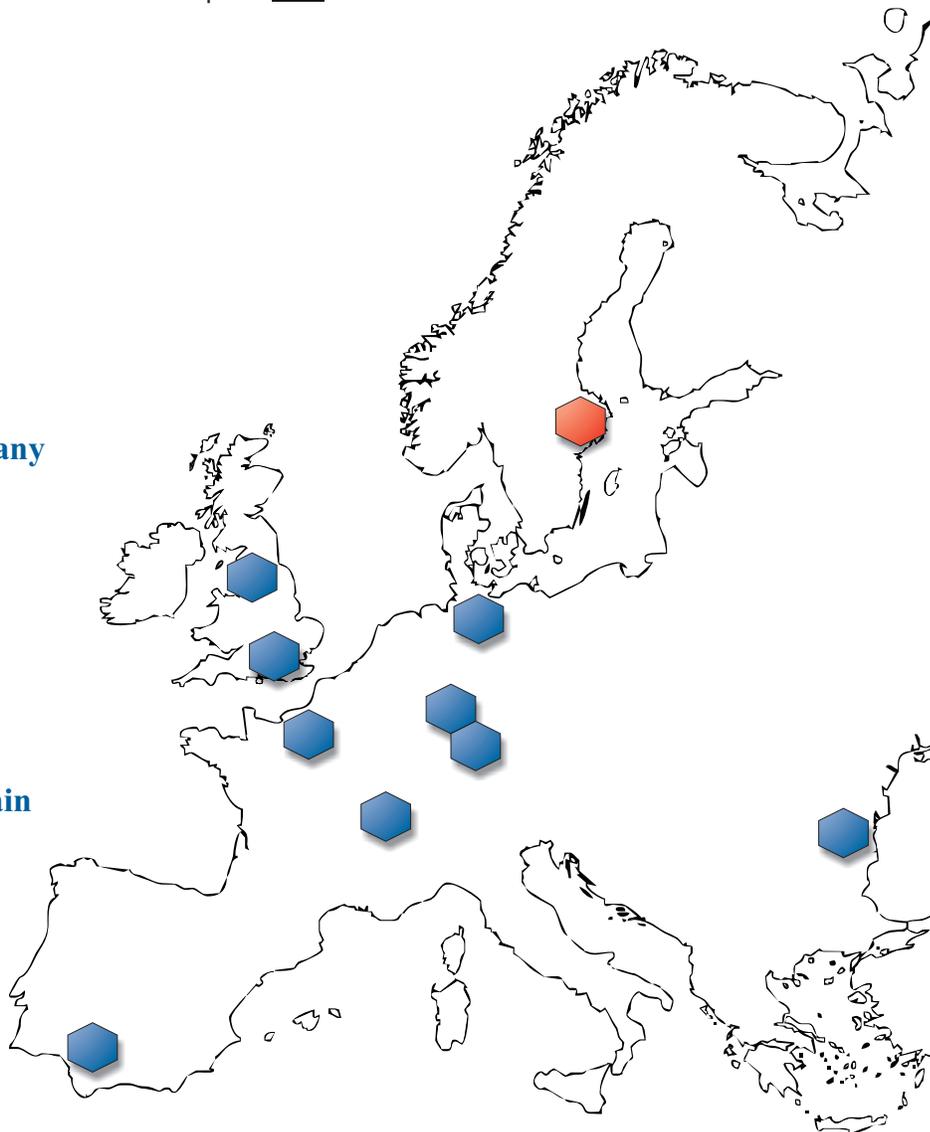


DITANET

Diagnostic **T**echniques for particle **A**ccelerators - a European **NET**work

- ★ CEA, Saclay, France
- ★ CERN, Geneva, Switzerland
- ★ DESY, Hamburg, Germany
- ★ GSI, Darmstadt, Germany
- ★ HIT GmbH, Heidelberg, Germany
- ★ IFIN-HH, Magurele, Romania
- ★ Royal Holloway
University of London, UK
- ★ Stockholm University, Sweden
- ★ CNA / University of Seville, Spain



DITANET School on Beam Diagnostic Techniques

Beam diagnostics systems are essential constituents of any particle accelerator; they reveal the properties of a beam and how it behaves in a machine. Without an appropriate set of diagnostic elements, it would simply be impossible to operate any accelerator complex let alone optimize its performance.

This DITANET School covers beam instrumentation at an advanced level and targets PhD students, Postdocs as well as experienced scientists and research staff. Basic techniques, such as beam profile, position or current measurement, will be revised before tomographic techniques, combined detectors or control room experiences will be covered. The instrumentation requirements and challenges for present and future light sources, FELs, low and high energy accelerators will be covered in detail.

This School will take place from 7.3. - 11.3.2011 and will be organized and hosted by Manne Siegbahn Laboratory, Stockholm University. Registration forms are available on the DITANET web page.

Several scholarships are available for outstanding young researchers.

Dead line for applications is **15.12.2010**. You will find more information about the school and the application details at:

<http://www.liv.ac.uk/ditanet>

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Partners

