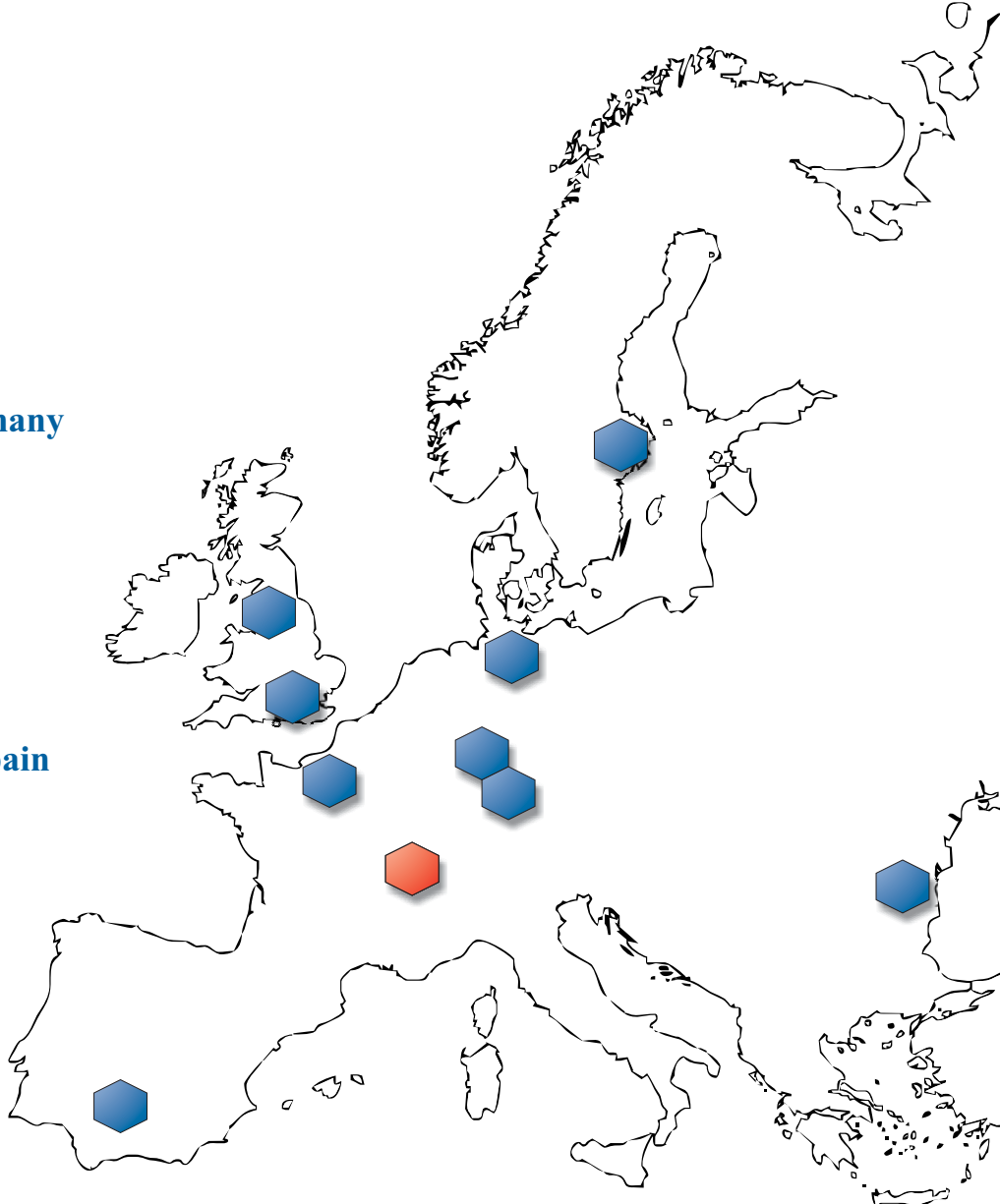


DITANET

Diagnostic Techniques for particle Accelerators - a European NETWORK

- ★ University of Liverpool, UK
- ★ 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 Topical Workshop on Non-invasive beam size measurements

The main aim of this workshop is to prepare non-invasive transverse beam size monitors in the LHC and its injector chain to fulfil the future emittance measurement requirements for LHC beams.

This will be focussed on improvements to existing systems for implementation during the long shutdown in 2013-2014 and on concepts that could be foreseen for installation during the second long shutdown in 2018.

The 3 days workshop will be followed by a 1 day review of the new fast wire scanner in development at CERN. This will act as a final check on all aspects of the design, prior to launching the production of a prototype unit for installation in the CERN-SPS in 2014. Participants are welcome to stay and attend this review if they so wish.

The workshop will take place at CERN, Geneva, Switzerland, between 15-18 April 2013.

Dead line for registration is April, 8th 2013. The participation of researchers external to the network can be supported partially or in full.

More information about the workshop, costs and application details can be found at the CERN Indico (indico.cern.ch), confID= 229959 or at

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

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