

## Letter of Intent

Submitted by:	Sotirios V. Harissopulos, on behalf of the Small-Scale Facilities Working Group of NuPECC Institute of Nuclear Physics, NCSR "Demokritos" 153.10 Aghia Paraskevi, Athens, Greece
e-mail	sharisop@inp.demokritos.gr
Telephone	+30.210.6503493, +30.69.722.49.722
Submission date:	12.06.2007

### Proposed activity

Name of activity (working title)	<b>ENSF – European Network on Small-scale accelerator Facilities</b>
Type of proposed activity	Network
Duration of activity	4 years
Participants	NuPECC – IKS KU Leuven – RBI-Zagreb – NPI Rez/Prague – RUBION Bochum – HISKP Uni. Bonn – TU Darmstadt – MLL Garching – IKP Uni Köln – Demokritos, Athens – IPN Orsay – CEN Bordeaux – ATOMKI, Debrecen – LNS Catania – LNGS Assergi – LABEC Firenze – OCL Oslo INP Cracow – HIL Warsaw – ITN Lisbon – NIPNE Bucharest – CNAM Madrid – CNA Seville – ETH Zürich

### Short description and goals of the proposed activity

In the last thirty years low-energy stable-beam facilities have decisively contributed to our understanding of the nuclear structure as well as of the stellar evolution and nucleosynthesis. Small-scale national facilities play a crucial role in providing expertise in experimental techniques and equipment development and the experience and knowledge developed in these centres provide strong support to the flagship facilities from the ESFRI Roadmap. The role of small-scale national facilities was highlighted in the last NuPECC Long Range Plan for European Nuclear Physics. In addition, NuPECC established recently a working group on small-scale facilities, which is holding a 2-day workshop on the future of these facilities in Crete, Greece on the first week of September 2007 (see in <http://www.inp.demokritos.gr/~ssf>).

The proposed network aims at strengthening the role of small-scale facilities in the European Research Area by bringing together scientists from all European small-scale accelerator facilities to discuss common research projects and ideas. The final number of participants will be decided during the Workshop in Crete and the final form of ENSF (participants, deliverables, budget etc.) will be presented in detail at the EURONS Town Meeting in Helsinki.