

## News 24/10/2024

**ESPPU** – an outline of the strategy documents has been prepared (see document uploaded in indico), drafting to start this week.

**Demonstrator workshop** hosted by FNAL, 30 October-1 November,

<https://indico.fnal.gov/event/64984/>

Focus on the cooling demonstrator, with discussion about possible configurations and associated magnet technology needs and solutions (INFN, UMIL, CERN).

**Mini-workshop on HTS dipoles design** hosted by INFN-LASA, 6 and 7 November 2024,

<https://indico.cern.ch/event/1467929/>

Focus on HTS accelerator and collider magnets, completing the assessment of performance limitations for combined function magnets (collider arc), and looking at specific dipole magnet designs in the range of 10 T/30x100 mm to 14 T/140 mm. Initial discussion of effects such as magnetization and loss.

**RADiation effects in SUPERconducting Magnets (RADSUM) workshop** hosted by CERN, 15 to 17 January 2025,

<https://indico.cern.ch/event/1450988/>

Radiation spectra, particles, doses and heat loads, and their effects in HTS magnets and insulation systems.