

**New European Accelerator Project EuCARD:
Work Package on High Field Magnets**

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Abstract – The European accelerator community has successfully applied on an FP7 (Seventh Framework program) infrastructures call under the name EuCARD. The program consists of five Joint Research Activities (JRAs), two networks and two work packages to provide transnational access to research facilities. EuCARD starts on 1 April 2009 and will have a duration of 4 years. One of the JRAs is the work package on high field magnets. It foresees to build a 15 T large-aperture high-field dipole model, a high temperature superconductor (HTS) very-high-field dipole insert, a HTS current link and a superconducting helical undulator. Thirteen European institutes will participate. In parallel, more general worldwide high field magnet collaboration is being set up.

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