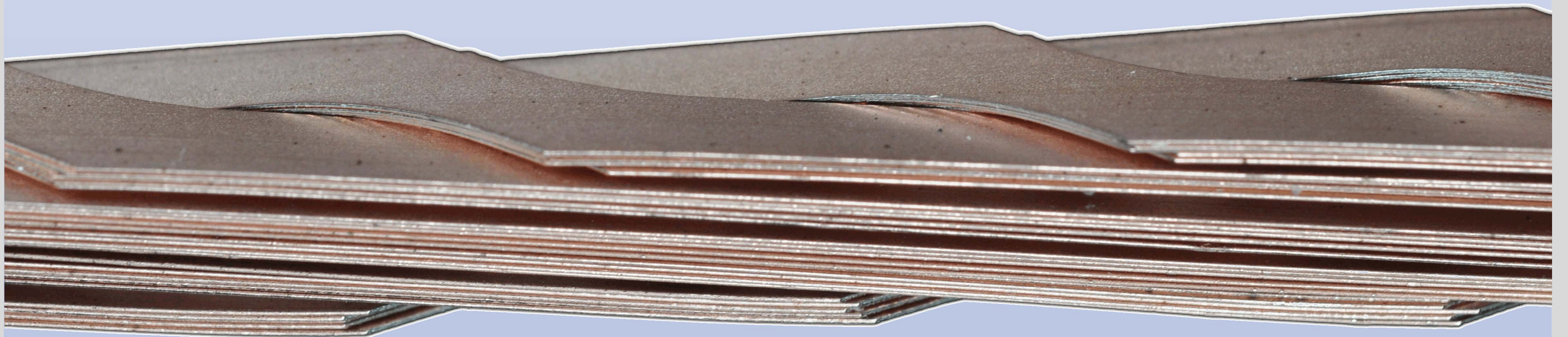


HTS⁴ Fusion Conductor Workshop

High T_c Superconductors at High Current and High Fields for Fusion Application

The workshop targets the development of an HTS Fusion Conductor and addresses these topics:

- Roadmap to DEMO and Related Technological Challenges
- Which SC Magnets for DEMO and Future Fusion Reactors ?
- Overview of HTS Material and MgB₂
- Coated Conductors
- MgB₂ + BiSCCO
- REBCO Cables
- HTS and Cable Concepts
- Joints with HTS Materials
- Thermal Stability and Quench
- Mechanical and Electrical Stability
- AC Losses
- Irradiation Effects



May, 26th and 27th

KIT C.N. Karlsruhe Germany

<http://www.itep.kit.edu/hts4fusion2011>