



Science & Technology Facilities Council

ISIS

Sample Environment JRA



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ISIS

HZB Helmholtz
Zentrum Berlin



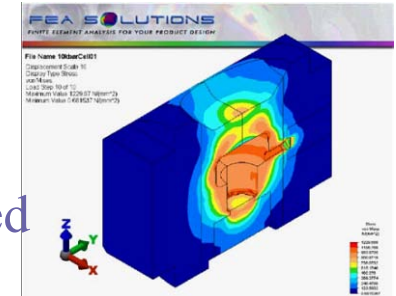
FRM II
Forschungs-Neutronenquelle
Heinz Maier-Leibnitz



Work this year

High pressure cells for inert gases and hydrogen

- Report on present technology
- Designs & manufacture of cells
- Specifications of H₂ intensifier for STFC and continued commissioning of HZB system
- Delivery of cryogenic system for pressure systems

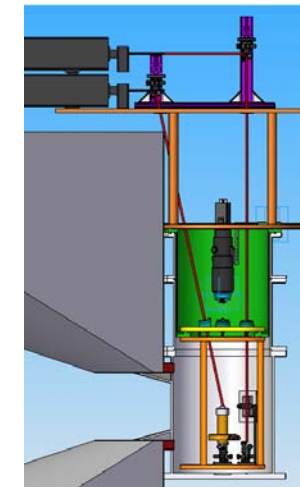


High temperature levitating furnaces

- Work on design of levitating systems
- Design of nozzles

Gas absorption systems

- New high and low temperature samples sticks
- Software for gas control
- Improvements in magnetic balance system



Second NMI3 General Assembly, Barcelona

Agenda

- **High pressure task** (ISIS, Oleg Kirichek) - 15 min presentation discussion
- **High temperature task** (ILL, Eddy Lelièvre-Berna) – 15 min discussion
- **High temperature task** (FRM2, Jürgen Peters) 15 min presentation discussion
- **Gas adsorption task** (Helmholtz-Zentrum, Dirk Wallacher) – 15 min presentation followed by 15 min discussion
- Closed meeting at 16:30 in the meeting room