

GSI: Possible Contributions to tasks 11.2 and 11.3 and Work Proposals

Tuesday 10 December 2013 09:30 (30 minutes)

1. On-line and in-situ SEM monitoring of (heavy) ions radiation-induced damage on material structure (with particular reference to carbon-based composite materials)
2. On-line thermal camera studies of thermal conductivity degradation induced in irradiated materials (with particular reference to carbon-based composite materials)
3. Off-line RAMAN spectroscopy on irradiated materials
4. Study of dynamic effects induced by pulsed particle beams (thermal fatigue)
5. Laser induced spall studies on pristine and irradiated materials (dynamic characterization)

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