



14th International Conference on Fusion Reactor Materials (ICFRM-14)

Joint ICFRM-14 and IAEA Satellite meeting on

Cross-cutting issues of structural materials for fusion and fission applications

AGENDA

10 – 11 September 2009, Sapporo, Japan

Meeting Room 108A

Thursday, 10 September 2009

Chairman: Frank GARNER

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|-------------|---|
| 09:00-09:15 | Andrej ZEMAN - opening |
| 09:15-10:00 | Michael FLUSS
<i>Challenges for Structural Materials Development for Advanced Fission, Fusion and Hybrid Reactors: The Critical Role of Ion Beams</i> |
| 10:00-10:30 | Tomonori SOGA
<i>Fuels and materials research under the high neutron fluence using a fast reactor Joyo and post-irradiation examination facilities</i> |
| 10:30-11:10 | Tatsuo SHIKAMA
<i>Development of heavy-radiation-resistant structural materials in Japan utilizing fission research reactors</i> |
| 11:10-11:50 | Stuart MALOY
<i>Core Materials Development for the Advanced Fuel Cycle Initiative</i> |
| 11:50-12:00 | Summary of the session |



Friday, 11 September 2009

Chairman: Michael FLUSS

Room 108A

- 13:00-13:15 Jean Louis BOUTARD
Materials subjected to high fluxes of fast neutron irradiation in fission & fusion reactors: synergies and differences
- 13:15-13:45 Steve ZINKLE
Qualification of structural materials for fission and fusion reactor systems
- 13:45-14:15 Farhad TAVASSOLI A-A.
Fusion-Fission cross-cutting issues related to structural materials
- 14:15-14:45 Frank GARNER
Influence of variations in flux-spectral characteristics and dpa rate on material response in reactor and accelerator experiments.
- 14:45-15:15 Alexander RYAZANOV
Application of charge particle accelerators for radiation resistance investigations of fission and fusion structural materials.
- 15:15-15:45 Victor VOYEVODIN
Features of microstructure evolution in structural materials at different irradiation conditions: fission, fusion, ions.
- 15:45-16:00 Summary of the session