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Technical Meeting on Innovative Fast Reactor Designs with Enhanced Negative Reactivity Feedback Features

27–29 Feb 2012

IAEA, Vienna,
Austria

This page contains the most up-to-date information and materials regarding the event to assist participants in their preparations. Please visit this page regularly, as new and revised materials will be uploaded here as they become available.

Working Documents

- [Agenda](#)
- [Information Sheet](#)
- [Summary Report](#)
[Last updated: 2012-05-14]

Presentations

- [Objectives of the Meeting and presentation of the IAEA Programme in the field of Fast Neutron Nuclear systems](#)
S. Monti, IAEA
- [ASTRID core: design objectives, design approach and R&D in support](#)
G. Mignot, CEA, France
- [Pre-conceptual design study of ASTRID core](#)
N. Devictor, CEA, France
- [Physics and behavior during Severe Accidents of an heterogeneous annular FBR core](#)
S. Massara, EDF, France
- [On the use of fine distributed moderating material to enhance feedback coefficients in fast reactors](#)
B. Merk, HZDR, Germany
- [Methodology to enhance negative reactivity](#)
S. Thangavel, IGCAR, India
- [LFR safety features through intrinsic negative reactivity feedbacks](#)
G. Grasso, ENEA, Italy
- [A safety design approach for sodium-cooled fast reactors core toward commercialization in Japan](#)
S. Kubo, JAEA, Japan
- [Conceptual core design study for Japan sodium-cooled fast reactor: review of sodium void reactivity worth evaluation](#)
S. Ohki, JAEA, Japan
- [Evaluation of Sodium Void Effect in KALIMER-600 TRU Burner Core](#)
S.J. Kim, KAERI, Republic of Korea

[Study of the core compaction effects and its monitoring in sodium fast reactors](#)

F. Zylbersztejn, Chalmers University of Technology, Sweden

- [Mechanism of Negative Reactivity Feedback in Nuclear Burning Wave Reactor](#)
S. Fomin, National Science Centre Kharkiv Institute for Physics and Technology, Ukraine

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