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|  | EUROPEAN COMMISSION  DIRECTORATE-GENERAL ‘RESEARCH’ | INTERNATIONAL  SCIENCE AND  TECHNOLOGY  CENTER |  |

**Contact Expert Group on Severe Accident Management (CEG-SAM)**

**Revised final agenda of the 11th Meeting**

Dresden, Germany

Forschungszentrum Dresden-Rossendorf (FZD)

Institute of Safety Research

March 7-9, 2007

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| **Tuesday, March 6, 2007:** |
| **14:00h** Workshop on ISTC projects CHESS-1 (# 2916) and the new proposal CHESS-2  Meeting location: Conference room in the hotel “Koenigstein” |

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| Official CEG-SAM meeting | | | | |
| **Wednesday, March 7, 2007:** | | | | |
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| **9.30 h** | | Pickup of the participants at the hotel “Koenigstein” in Dresden. Bus transportation to the “Research Centre Dresden-Rossendorf” (FZD) | |  |
| **10.15 h** | | Registration of the participants at the meeting location in Rossendorf | |  |
| **10.30 h** | | Visit of two technical facilities at FZD: 1) TOPFLOW (Transient Two Phase Flow Test Facility),  2) ROCOM (Rossendorf Coolant Mixing Model) | |  |
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| **12.30 h** | | LUNCH | |  |
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| **13.30 h** | | Bus transportation of the participants to the hotel “Koenigstein” | |  |
| **15.30 h** | | Reunion of the participants in front of the Residence Castle, Taschenberg 2 | |  |
| **16.00 h** | | Visit of the historical “Green Vault” (Grünes Gewölbe) Europe's most splendid treasury museum | |  |
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| **Thursday, March 8, 2007:** | | | | |
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| **8.30 h** | | Pickup of the CEG-SAM members at the hotel “Koenigstein” in Dresden.Bus transportation to the “Research Centre Dresden-Rossendorf” (FZD) | |  |
| **9.20 h** | | Registration of the participants at the meeting location in Rossendorf | |  |
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|  | | **Restricted session** | |  |
| **9.30 h** | | 1. Welcome and opening remarks | | M. HUGON, EC  L. TOCHENY, ISTC |
| **9.40 h** | | 2. Adoption of the agenda of the 11th CEG-SAM meeting | | All |
| **9.50 h** | | 3. Approval of the minutes of the previous 10th CEG-SAM meeting in Kurchatov-City, Republic of Kazakhstan, September 5-8, 2006 | | All |
| **10.00 h** | | 4. Discussion of the “Specific Action List” of the 10th CEG-SAM meeting | | All |
| **10.20 h** | | 5. Future prospects of ISTC | | M. HUGON, EC |
| **10.30 h** | | 6. Relationship of ISTC and the Ukrainian STCU (Science and Technology Centre of Ukraine) | | L. TOCHENY, ISTC |
| **10.40 h** | | 7. Rosatom / Euratom Seminar on “Research and Training Programmes of Mutual Interest in Nuclear Fission” in Moscow, April 2007 | | M. Hugon, EC |
| **10.45 h** | | 8. Large-scale MCCI experiments; proposal for a Project Development Grant | | A. MIASSOEDOV, FZK |
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| **10.50 h** | | COFFEE BREAK | |  |
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| **11.10 h** | | 9. Status of the official ISTC CEG-SAM webpage | | A. MIASSOEDOV, FZK |
| **11.20 h** | | 10. Report by the secretariat; update of the list of collaborators and new members | | M. HUGON, EC  L. TOCHENY, ISTC |
| **11.30 h** | | 11. Update on the information exchange and interaction between ISTC CEG-SAM and SARNET | | B. CLEMENT, IRSN  M. HUGON, EC |
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| **11.30 h** | | Pickup of the Russian and Kazakh participants at the hotel “Koenigstein” in Dresden. Bus transportation to the “Research Centre Dresden-Rossendorf” (FZD) | |  |
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| **11.40 h** | | 12. SARNET comments on the ISTC proposal METCOR-P | | D. BOTTOMLEY,  JRC-ITU |
| **12.00 h** | | 13. Preliminary discussion of new ISTC project proposals (topics #28 to #32) | | All |
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| **12.30 h** | | LUNCH | |  |
|  | | **Extended session** | |  |
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| **13.30 h** | | 14. Welcome of the Russian and Kazakh colleagues; approval of the minutes of the 10th CEG-SAM meeting; adoption of the agenda | | M. HUGON, EC  L. TOCHENY, ISTC |
| **13.40 h** | | 15. Welcome of the participants by the host of the meeting. Short overview on the main research activities at the “Research Centre Dresden-Rossendorf” | | E. ALTSTADT,  FZD |
| **14.10 h** | | 16. Status of the information exchange and interaction between ISTC GEG-SAM and SARNET | | B. CLEMENT, IRSN  M. HUGON, EC |
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|  | | **On-going project presentations** | |  |
| **14.20 h** | | 17. Progress report on the ISTC project # 1648.2 “Examination of VVER fuel behaviour under severe accident conditions, Quench state” (VVER-QUENCH) | | A. GORYACHEV, RIIAR  M. VESHCHUNOV, IBRAE RAS |
| **15.00 h** | | 18. Progress report on the stage B of the ISTC project # 1648.2. First results of the integral reflood test QUENCH-12 with a VVER bundle | | J. STUCKERT,  FZK |
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| **15.20 h** | | COFFEE BREAK | |  |
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| **15.40 h** | | 19. Progress report on the ISTC project # 2936 “Modelling of reactor core behaviour under severe accident conditions. Melt formation, relocation and evolution of molten pool” (Reactor Core Melting) | | M. VESHCHUNOV,  V. CHUDANOV,  IBRAE RAS |
| **16.20 h** | | 20. Experimental results of complex starting-up and adjustment actions on preparation of the PARAMETER-SF2 Experiment. Status of Project # 3194 “Fuel Assembly Tests under Severe Accident Conditions, PARAMETER facility” | | V. NALIVAEV,  LUCH |
| **16.50 h** | | 21. Computational assessment (pre- or post-test) of fuel assembly tests in frame of the project # 3194 | | A. KISSELEV,  IBRAE RAS |
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| **17.20 h** | | Adjourn | |  |
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|  | | Bus transportation of the participants to the hotel “Koenigstein” | |  |
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| **Friday, March 9, 2007:** | | | |
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| **8.30 h** | | Pickup of the participants of the meeting at the hotel “Koenigstein” in Dresden.Bus transportation to the “Research Centre Dresden-Rossendorf” (FZD) | |  |
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|  | | Extended session (continued) | |  |
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| **9.20 h** | | 22. Progress report on the ISTC project #1950.2 “Phase diagrams for multi-component systems containing corium and products of its interaction with NPP materials” (CORPHAD-2) | | S. BECHTA,  RIT-NITI |
| **9.50 h** | | 23. Status of the ISTC project # K-1265 “Study of the processes of corium-melt retention in the reactor pressure vessel” (INVECOR) | | V. ZHDANOV,  IAE NNC RK |
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| **10.20 h** | | COFFEE BREAK | |  |
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| **10.40 h** | | 24. Progress report on the ISTC project #2916 “Nuclear fuel behaviour during the Chernobyl accident (CHESS-1)” :  Part 1: Input data and general approaches to modeling;  Part 2: Current abilities of modeling and the results obtained | | S. BOGATOV, RRC KI  V. STRIZHOV; NSI RAS |
| **11.30 h** | | 25. Status of the ISTC project #3345 “Ex-vessel source term analysis” (EVAN)”, phase 1 | | V. BEZLEPKIN,  SPAEP |
| **12.00 h** | | 26. Main results of the finished ISTC project #833.2. “Study of corium melt interaction with NPP reactor vessel steel” (METCOR-2) and status of the ISTC project #3592 (METCOR-P) | | S. BECHTA,  RIT-NITI |
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| **12.30 h** | | LUNCH | |  |
|  | | **New project proposals** | |  |
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| **13.30 h** | | 27. SARNET and CEG-SAM comments on the draft ISTC proposal VERONIKA | All |
| **13.40 h** | | 28. Study of fission products release and behaviour of VVER fuel with high burnup under severe accident conditions (VERONIKA). Discussion of the revised test matrix | | A. GORYACHEV,  RIIAR |
| **14.00 h** | | 29. Study of fuel assemblies under severe accident top quenching conditions in the PARAMETER-SF test series. (PARAMETER-SF3 and -SF4 experiments, ISTC project proposal #3690) | | V. NALIVAEV,  LUCH |
| **14.20 h** | | 30. ISTC proposal on “Long-term behavior of corium after the accident (using the data of the Chernobyl NPP accident)”; CHESS-2, ISTC #3702. | | S. BOGATOV, RRC KI  V. KASHPAROV,  UIAR, Ukraine |
| **14.40 h** | | 31. Thermohydraulics of U-Zr-O molten pool under oxidising conditions in multi-scale approach (crucible- bundle -reactor scales) | | M. VESHCHUNOV, IBRAE RAS |
| **15.00 h** | | 32. ISTC project proposal on “Study of corium transient behaviour; corium properties and measurements” | | V. STRIZHOV, IBRAE |
| **15.20 h** | | 33. New project proposals on continuation of VVER Quench | | G. DUCROS, CEA |
| **15.30 h** | | 34. Next CEG-SAM meeting in St. Petersburg, September 2007 | | All |
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| **15.40 h** | | **End of extended session** | |  |
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|  | | COFFEE BREAK | |  |
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|  | | **Restricted session** (continued) | |  |
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| **16.00 h** | | 35. Detailed discussion of the presented ISTC project proposals and eventually preparation of specific CEG-SAM advices; collaborators final engagement | | All |
| **16.30 h** | | 36. Discussion of various actions | | All |
| **17.00 h** | | 37. Other matters; Final remarks | | M. HUGON, EC,  L. TOCHENY, ISTC |
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| **17.10 h** | | **END OF THE SESSIONS** | |  |
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|  | | Adjourn | |  |
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|  | | Bus transportation of the participants to the hotel “Koenigstein” | |  |

Chairman: M. HUGON, EC; Co-Chairman: L. TOCHENY, ISTC; Secretary: P. HOFMANN