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|  | EUROPEAN COMMISSIONDIRECTORATE-GENERAL ‘RESEARCH’ | INTERNATIONALSCIENCE ANDTECHNOLOGYCENTER |  |

**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-2Meeting 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, ECL. 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, ECL. TOCHENY, ISTC |
| **11.30 h** | 11. Update on the information exchange and interaction between ISTC CEG-SAM and SARNET | B. CLEMENT, IRSNM. 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, ECL. 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, IRSNM. 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, RIIARM. 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 KIV. 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 KIV. 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