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

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

Revised final agenda of the 16th Meeting

Moscow, Russian Federation

IBRAE, Nuclear Safety Institute of Russian Academy of Science

September 8-9, 2009

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| **Tuesday, September 8, 2009:** | | | | | | |
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|  | | **Meeting location**: Conference Hall of IBRAE; B. Tul’skaya 52 | | |  | |
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| **9.00 h** | | Registration of the participants at IBRAE | | |  | |
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|  | | Restricted session | | |  | |
| **9.20 h** | | 1. Welcome of the CEG-SAM members and opening remarks | | | M. HUGON, EC | |
| **9.30 h** | | 2. Adoption of the agenda of the 16th CEG-SAM meeting in Moscow | | | All | |
| **9.40 h** | | 3. Approval of the minutes of the previous 15th CEG-SAM meeting in Villigen, Switzerland, March 10-12, 2009 | | | All | |
| **9.50 h** | | 4. Discussion of the “Specific Action List” of the 15th CEG-SAM meeting | | | All | |
| **10.10 h** | | 5. Reports by the secretariats | | | M. HUGON, EC  S. VOROBIEV, ISTC | |
| **10.20 h** | | 6. Preliminary discussion of updated and/or new ISTC/STCU project proposals | | | All | |
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| **10.40 h** | | COFFEE BREAK | | |  | |
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|  | | **Extended session** | | |  | |
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| **11.00 h** | | 7. Welcome of the participants by the host of the meeting | | | V. STRIZHOV,  M. VESHCHUNOV,  IBRAE RAS | |
| **11.05 h** | | 8. Welcome of the Russian, Kazakh and Ukrainian colleagues;approval of the minutes of the 15th CEG-SAM meeting in Villigen, Switzerland;adoption of the agenda of the 16th CEG-SAM meeting in Moscow | | | M. HUGON, EC | |
| **11.15 h** | | 9. Status of the official CEG-SAM webpage | | | J. STUCKERT,  FZK | |
| **11.25 h** | | 10. Future of the CEG-SAM | | | M. HUGON, EC | |
| **11.40 h** | | 11. Update on SARNET2 | | | B. CLEMENT, IRSN | |
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| **12.00 h** | | **On-going project presentations** | | |  | |
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| **12.00 h** | | 12. Status of the ISTC project #3690 on the “Fuel assemblies behaviour under severe accident top quenching conditions in the PARAMETER-SF test series (PARAMETER-SF3 and PARAMETER-SF4 experiments) | | | V. NALIVAEV,  LUCH | |
| **12.30 h** | | 13. ISTC project #3690: Results of PARAMETER–SF3/SF4 pre- and post-test numerical modeling | | | | D. TOMASHCHIK,  IBRAE RAS |
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| **13.00 h** | | LUNCH BREAK | | |  | |
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| **14.00 h** | | 14. ISTC project #3690: Post-test examinations of the PARAMETER-SF fuel assemblies | | | T.YUDINA,  IBRAE RAS | |
| **14.20 h** | | 15. Status of PARAMETER-SF4 planning analyses by EU partners | | | S. GUENTAY,  PSI | |
| **14.40 h** | | 16. Progress report on the ISTC project #3592 "Corium Melt Interaction with Reactor Vessel Steel” (METCOR-P) | | | S. BECHTA,  RIT-NITI | |
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| **15.20 h** | | COFFEE BREAK | | |  | |
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| **15.40 h** | | 17. Progress report on the ISTC project #3813 “Phase relations in corium systems” (PRECOS) | | | S. BECHTA,  RIT-NITI | |
| **16.10 h** | | | 18a. Progress report on the ISTC project #3876 on “Thermo-Hydraulics of U-Zr-O Molten Pool under Oxidising Conditions in Multi-Scale Approach (THOMAS)”; part #1 | | M. VESHCHUNOV, IBRAE RAS | |
| **16.40 h** | | | 18b. Progress report on the ISTC project #3876 on “Thermo-Hydraulics of U-Zr-O Molten Pool under Oxidising Conditions in Multi-Scale Approach (THOMAS)”; part #2 | | V.CHUDANOV,  IBRAE RAS | |
| **17.00 h** | | 19. Short overview on the main research activities at IBRAE RAS.Visit of different laboratories at IBRAE | | | V. STRIZHOV,  M. VESHCHUNOV, IBRAE RAS | |
| **19.00 h** | | Reception by IBRAE | | | IBRAE | |
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| **20.30 h** | | Adjourn | | |  | |
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| **Wednesday, September 9, 2009:** | | | | | | |
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|  | **Extended session** (continued) | | |  | |
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| **9.00 h** | | 20. 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 |
| **9.30 h** | | 21. Status of the ISTC project #3831 on “Experiments at Large-Scale Installation for Heating and Retention of Corium” | | | A: KONDRASHENKO,  VNIIEF | |
| **10.00 h** | | 22. Discussion on future visit of collaborators and CEG-SAM members to Sarov | | | CH. JOURNEAU  CEA | |
| **10.10 h** | | | 23. Status of the ISTC project #3635 on “Scale experimental investigation of the thermal and structural integrity of the VVER pressure vessel Lower Head in severe accidents” | | V.LOKTIONOV,  MPEI | |
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| **10.40 h** | | COFFEE BREAK | | |  | |
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| **11.00 h** | | | 24. Status of the STCU project #4207 “Long-term prognosis of the behavior of the fuel dust in the Chernobyl Shelter” | | V. KRASNOV,  ISP NPP | |
| **11.30 h** | | | **25. Status of the STCU project #4726 on “Safety-critical software independent verification and latent faults assessment based on diverse measurement of invariants”** paper was not presented | | B. KONOREV,  I&C SCC | |
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|  | | | **Updated and new project proposals** | |  | |
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| **12.00 h** | | | 26. Status of the STCU project #4758 on “Natural and calculation-experimental research of processes of fuel melt interaction with construction materials for severe radiation accidents on nuclear power plants” | | V. KRASNOV,  ISP NPP | |
| **12.30 h** | | 27. STCU project proposal on “Interaction studies of WWER materials used in improved structural core components during severe accidents followed by high-temperature melt formation” | | | V. KORNYEYEVA,  NFC KIPT | |
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| **13.00 h** | | LUNCH BREAK | | |  | |
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| **14.00 h** | | 28. ISTC project proposal #3936 on “Study of fuel assemblies with boron carbide absorber rods under severe accident quenching conditions in the PARAMETER-SF test series (PARAMETER-SF5 and PARAMETER-SF6 experiments) | | | V. NALIVAEV,  LUCH | |
| **14.30 h** | | | 29. ISTC project proposal #1411 on “Experimental and numerical study of liquid metal boiling as simulation of accidents in fast reactor core” | | A. SOROKIN,  SSC RT IPPE | |
| **15.00 h** | | | 30. Sodium boiling stabilization - Current work for French SFR and needs | | CH. JOURNEAU  CEA | |
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|  | | | **Partner-type ISTC projects** | |  | |
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| **15.10 h** | | | 31. Results of the ISTC project #3837-P "Liquidus Temperature Measurement of Ex-Vessel Corium"; financed by CEA | | S. BECHTA,  RIT-NITI | |
| **15.25 h** | | | 32. Results of the ISTC project #3078- P "Development of a Data Base for Thermo-Physical Properties of Corium"; financed by CEA | | V. STRIZHOV,  IBRAE RAS | |
| **15.40 h** | | | 33. Next CEG-SAM meeting, March 2010 in Madrid, Spain | | All | |
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| **15.50 h** | | | **End of extended session** | |  | |
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| **15.50 h** | | COFFEE BREAK | | |  | |
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|  | | | **Restricted session** (continued) | |  | |
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| **16.10 h** | | | | 34. SARNET and CEG-SAM comments on new ISTC/STCU proposals | All | |
| **16.20 h** | | | 35. Detailed discussion of the presented ISTC/STCU project proposals and eventually preparation of specific CEG-SAM advices; collaborators final engagement | All | |
| **16.50 h** | | | 36. Discussion of various actions | All | |
| **17.20 h** | | | 37. Other matters; Final remarks | M. HUGON, EC, | |
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| **17.30 h** | | | **END OF THE CEG-SAM MEETING** | |  | |
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|  | | | Adjourn | |  | |
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Chairman: M. HUGON, EC; Co-Chairman: L. TOCHENY, ISTC; Secretary: P. HOFMANN

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| **Thursday, September 10, 2009:** | | |
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|  | **Meeting location**: ISTC Headquarter, Moscow |  |
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| **9.00 h** | ISTC project #3831 progress meeting on MCCI | KONDRASHENKO,  VNIIEF  CH. JOURNEAU,  CEA |
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| **13.00 h** | **END OF THE MCCI MEETING** |  |
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