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

**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, ECS. 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. JOURNEAUCEA |
| **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. JOURNEAUCEA |
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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,VNIIEFCH. JOURNEAU,CEA |
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| **13.00 h** | **END OF THE MCCI MEETING** |  |
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