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

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

**Final agenda of the 12th Meeting**

Saint Petersburg, Russia

SPAEP (Atomenergoproekt)

September 11-13, 2007

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| **Monday, September 10, 2007:** |
| **10:00h** EVAN ISTC project progress meetingMeeting location: Conference room No 1 in the hotel “Morskoy Vokzal”; (http://www.mvhotel.ru) |

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| **Official CEG-SAM meeting** |
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| **Tuesday, September 11, 2007:** |
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| **9.00 h** | Registration of the participants in the entrance hall of the hotel “Morskoy Vokzal” |  |
| **9.30 h**  | Bus transportation of the participants from the hotel “Morskoy Vokzal” to SPAEP |  |
| **10.30 h** | Welcome and opening remarks  | Dr. S.ONUFRIENKO,SPAEP Director |
| **10.50 h** | SPAEP activity for nuclear industry  | V. BEZLEPKIN,SPAEP |
| **11.30 h** | Welcome and opening remarks | M. HUGON, ECL. TOCHENY, ISTC |
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| **12.00 h** | LUNCH in the SPAEP lunchroom |  |
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| **13.00 h** | Bus transportation of the participants to the Hermitage (or to the hydrofoil to visit Peterhof)  |  |
| **14.00 h** | Sightseeing tour; Transportation of the participants to the hotel “Morskoy Vokzal” (by bus or by hydrofoil) |  |
| **19.30 h**  | Dinner in the restaurant of the hotel “Morskoy Vokzal” |  |
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| **Wednesday, September 12, 2007:** |
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|  | Meeting location: Conference room No 1 in the hotel “Morskoy Vokzal” |  |
| **9.00 h** | Registration of the participants of the meeting |  |
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|  | Restricted sessionMeeting location: Large hall of the hotel “Morskoy Vokzal” |  |
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| **9.15 h** | 1. Welcome and opening remarks | M. HUGON, ECL. TOCHENY, ISTC |
| **9.20 h** | 2. Adoption of the agenda of the 12th CEG-SAM meeting | All |
| **9.30 h** | 3. Approval of the minutes of the previous 11th CEG-SAM meeting in Dresden, Germany, March 7-9,2007 | All |
| **9.40 h** | 4. Discussion of the “Specific Action List” of the 11th CEG-SAM meeting | All |
| **10.00 h** | 5. Future prospects of ISTC | M. HUGON, EC |
| **10.10 h** | 6. Status of the official ISTC CEG-SAM webpage | A. MIASSOEDOV, FZKK.TRAMBAUER, GRS |
| **10.20 h** | 7. Report by the secretariat | M. HUGON, ECL. TOCHENY, ISTC |
| **10.30 h** | 8. Update on the information exchange and interaction between ISTC CEG-SAM and SARNET | B. CLEMENT, IRSNM. HUGON, EC |
| **10.40 h** | 9. Preliminary discussion of updated and new ISTC project proposals (topics #21 to #28) | All |
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| **11.00 h** | COFFEE BREAK |  |
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|  | **Extended session**Meeting location: Large hall of the hotel “Morskoy Vokzal” |  |
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| **11.20 h** | 10. Welcome of the Russian and Kazakh colleagues; approval of the minutes of the 11th CEG-SAM meeting; adoption of the agenda | M. HUGON, ECL. TOCHENY, ISTC |
| **11.30 h** | 11a. Update on the information exchange and interaction between ISTC CEG-SAM and SARNET | B. CLEMENT, IRSNM. HUGON, EC |
| **11.40 h** | 11b. Status of the official ISTC CEG-SAM webpage | A. MIASSOEDOV, FZKK.TRAMBAUER, GRS |
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|  | **On-going project presentations** |  |
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| **11.50 h** | 12. Status 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 |
| **12.10 h** | 13. Progress report on the stage B of the ISTC project # 1648.2. Results of the integral reflood test QUENCH-12 with a VVER bundle | J. STUCKERT,FZK |
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| **12.30 h** | LUNCH |  |
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| **13.30 h** | 14. Final 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 |
| **14.00 h** | 15. Status of the ISTC project # 3194 “Fuel Assembly Tests under Severe Accident Conditions, PARAMETER facility” | V. NALIVAEV,LUCH |
| **14.30 h** | 16. Computational assessment (pre- / post-test) of fuel assembly tests in frame of the project # 3194 | A. KISSELEV,IBRAE RAS |
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| **14.50 h** | COFFEE BREAK |  |
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| **15.10 h** | 17. Final report on the ISTC project #2916 “Nuclear fuel behaviour during the Chernobyl accident (CHESS-1)” | S. BOGATOV, RRC KIV. STRIZHOV; NSI RAS |
| **15.40 h** | 18. 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 |
| **16.10 h** | 19. Status of the ISTC project #3345 “Ex-vessel source term analysis” (EVAN)”, phase 1 | V. BEZLEPKIN, SPAEP |
| **16.40 h** | 20. Progress report on the ISTC project #3592 (METCOR-P) "Corium Melt Interaction with Reactor Vessel Steel” | S. BECHTA, RIT-NITI |
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| **17.10 h** | Adjourn |  |
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| **Thursday, September 13, 2007:** |
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|  | Meeting location: Large hall of the hotel “Morskoy Vokzal”**Extended session** (continued) |  |
|  | **New or updated project proposals** |  |
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| **8.30 h** | 21. Development and experiments at large-scale installation for heating and retention of corium | A. KONDRASHENKO,VNIIEF |
| **9.00 h** | 22. 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 |
| **9.30 h** | 23. 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 |
| **10.00 h** | 24. “Long-term prognosis of behaviour of the fuel dust in Chernobyl Shelter”,STCU project proposal #4207 | V. PROTSAK,UIAR of NAU, Ukraine |
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| **10.30 h** | COFFEE BREAK |  |
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| **10.50 h** | 25. Study of fuel assemblies under severe accident top quenching conditions in the PARAMETER-SF test series. (PARAMETER-SF3 and -SF4 experiments), Presentation of the work plan. ISTC project #3690 | V. NALIVAEV, LUCH |
| **11.20 h** | 26. “Scale experimental investigation of the thermal and structural integrity of the VVER pressure vessel Lower Head in severe accidents”, Presentation of the work plan. ISTC project #3635 | V. LOKTIONOV,MPEI, Moscow |
| **11.40 h** | 27. “Experimental investigation of flow pulsation effects on burnout in RPV external cooling system (EXPULS)”. ISTC project #3609 | Y.A. MIGROV,NITI |
| **12.00 h** | 28. “Phase diagrams for NPP severe accident studies (CORPHAD-P called now PRECOS, ISTC project #3813)”, Presentation of the work plan | S. BECHTA,RIT-NITI |
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| **12.20 h** | 29. Next CEG-SAM meeting in Budapest, March 2008 | All |
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| **12.30 h** | **End of extended session**  |  |
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| **12.30 h** | LUNCH |  |
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| **13.30 h** | **Restricted session** (continued) |  |
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| **13.30 h** | 30. SARNET and CEG-SAM comments on ISTC proposals | All |
| **14.00 h** | 31. Detailed discussion of the presented ISTC project proposals and eventually preparation of specific CEG-SAM advices; collaborators final engagement | All |
| **16.00 h** | 32. Discussion of various actions | All |
| **16.30 h** | 33. Other matters; Final remarks | M. HUGON, EC,L. TOCHENY, ISTC |
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| **17.00 h** | **END OF THE SESSIONS** |  |
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|  | Adjourn |  |
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Chairman: M. HUGON, EC; Co-Chairman: L. TOCHENY, ISTC; Secretary: P. HOFMANN