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

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

**Final agenda of the 8th Meeting** (September 14, 2005)

Podolsk, Russia, September 14-15, 2005

Federal State Unitary Enterprise Scientific Research Institute Scientific Industrial Association “LUCH” (FSUE SRI SIA)

Moscow, Russia, September 16, 2005

Kurchatov Institute of Atomic Energy (KIAE)

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| **Wednesday, September 14, 2005:** |
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| **8.30 h** | Pickup of the participants at the hotel "Danilovskaja" in Moscow |  |
| **10.00 h** | Registration of the participants at the meeting location « Ivanovskoe»in Podolsk |  |
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|  | **Restricted session** |  |
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| **10.15 h** | 1. Welcome and opening remarks | M. HUGON, ECL. TOCHENY, ISTC |
| **10.20 h** | 2. Adoption of the agenda | All |
| **10.25 h** | 3. Approval of the minutes of the previous 7th CEG-SAM meeting in Cologne, Germany, February 28 - March 1, 2005 | All |
| **10.35 h** | 4. Discussion of the “Specific Action List” of the 7th CEG-SAM meeting in Cologne | All |
| **11.00 h** | 5. Status of ISTC proposals recommended for funding at the 7th CEG-SAM meeting: PARAMETER (#3194), INVECOR (#K-1265), EVAN (#3345) | M. HUGON, ECL. TOCHENY, ISTC |
| **11.20 h** | 6. Status of the official ISTC CEG-SAM webpage | A. MIASSOEDOV, FZK |
| **11.30 h** | 7. Report by the secretariat; update of the list of collaborators | M. HUGON, ECL. TOCHENY, ISTC |
| **11.40 h** | COFFEE BREAK |  |
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|  | **Restricted European session** |  |
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| **12.00 h** | 8. Update on the information exchange and interaction between ISTC CEG-SAM and SARNET | M. HUGON, EC |
| **12.15 h** | 9. Preliminary discussion of individual ISTC project proposals | All |
| **12.40 h** | 10. Participation of non EU funding collaborators in progress meetings of ISTC projects funded by the EU – Intellectual property rights | M. HUGON, ECL. TOCHENY, ISTC |
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| **13.00 h** | LUNCH in the restaurant «Triumph» |  |
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|  | **Extended session** |  |
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| **14.00 h** | 11. Welcome of the Russian colleagues; approval of the minutes of the 7th CEG-SAM meeting in Cologne; adoption of the agenda | M. HUGON, ECL. TOCHENY, ISTC |
| **14.10 h** | 12. Status of the information exchange and interaction between ISTC GEG-SAM and SARNET. | M. HUGON, ECL. TOCHENY, ISTC |
| **14.20 h** | 13. SARNET Research Priorities | B. CLEMENT (IRSN)K. TRAMBAUER (GRS) |
| **14.35 h** | 14. Progress report on the project # 1648.2 “Examination of VVER fuel behaviour under severe accident conditions, Quench state” | A.V. GORYACHEV,V. SMIRNOV,RIAR |
| **15.00 h** | 15. Progress report on the project # 2936 “Modelling of reactor core behaviour under severe accident conditions. Melt formation, relocation and evolution of molten pool” | A. PALAGIN,V. CHUDANOV,IBRAE |
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| **15.30 h** | COFFEE BREAK |  |
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| **16.00 h** | 16. Progress report on the project # 833.2 “Investigation of corium melt interaction with NPP reactor vessel steel” (METCOR-2) | S. BECHTA,V. KHABENSKY RIT-NITI |
| **16.30 h** | 17. Progress report on the project #1950.2 “Phase diagrams for multi-component systems containing corium and products of its interaction with NPP materials” (CORPHAD-2) | S. BECHTA,Yu. ANISKEVICHRIT-NITI |
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| **17.00 h** | Adjourn |  |
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| **17.30 h** | **Invitation of the participants for dinner by LUCH in the restaurant «Triumph»** |  |
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| **20.30 h** | Transportation of the participants to the hotel "Danilovskaja" in Moscow |  |
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| **Thursday, September 15, 2005:** |
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| **8.30 h** | Pickup of the participants at the hotel "Danilovskaja" in Moscow |  |
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| **10.00 h** | Organised visit of research facilities at the Scientific Research Institute Scientific Industrial Association “LUCH” |  |
|  | -Welcome by the General Director of LUCH Prof. Dr. Ivan I. Fedik, -Visit of the showroom of the LUCH enterprise -Visit of the PARAMETER Facility | I.I. FEDIK, LUCH |
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| **13.00 h** | LUNCH in the restaurant «Triumph» |  |
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|  | Extended session (continued) |  |
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| **14.00 h** | 18. Status of the ISTC project # 3194 on “Fuel assembly tests under severe accident conditions” (PARAMETER Facility). Presentation of the revised test matrix. | V. NALIVAEV, LUCHA. KISSELEV, IBRAE; |
| **14.30 h** | 19. Status of the ISTC project # K-1265 “Study of the processes of corium-melt retention in the reactor pressure vessel” (INVECOR) | V. ZHDANOV,NNC RK |
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| **15.00 h** | COFFEE BREAK |  |
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| **15.30 h** | 20. Status of the revised “Ex-vessel source term analysis” (EVAN) project proposal #3345. Presentation of the workplan. | Yu. LEONTIEV,V. BEZLEPKIN, SPAEP |
| **16.00 h** | 21. Study of fission products release and behaviour of VVER fuel with high burnup under severe accident conditions | A.V. GORYACHEV,NIIAR, IBRAE |
| **16.30 h** | 22. Other matters: New ideas and/or project proposals -Large-scale melting experiment -New emergency core cooling concept for a VVER-1000 | A.Kondrashenko, (RFNC-VNIIEF)E.Grishanin |
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| **16.50 h** | Adjourn |  |
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| **17.00 h** | **Excursion in Podolsk** |  |
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| **18.30 h** | Transportation of the participants to the hotel "Danilovskaja" in Moscow |  |
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| **Friday, September 16, 2005:** |
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| **8.30 h** | Pickup of the participants at the hotel "Danilovskaja" in Moscow |  |
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| **Extended session** (continued) |
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| **9.00 h** | 23. Welcome at the Kurchatov Institute of Atomic Energy (KIAE) | V.GNEGENKO, Director of RRC KI |
| **9.20 h** | 24. Current status of the ISTC project #2916 “Development of the model for nuclear fuel behaviour during active phase of the Chernobyl accident” (CHESS) | A. BOROVOI, RRC KI |
| **9.50 h** | 25. Review and assessment of existing models of the second stage of the Chernobyl accident | A. BOROVOI, RRC KI |
| **10.05 h** | 26. Half hour after the Chernobyl accident | E. PAZUCHIN, RRC KI |
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| **10.35 h** | COFFEE BREAK |  |
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| **10.50 h** | 27. Applycability of some different computation models | V. CHUDANOV, IBRAE |
| **11.15 h** | 28. The computation-analytical model for long-term corium behaviour  | S. BOGATOV, RRC KI |
| **11.45 h** | 29. General discussion on CHESS | All |
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| **13.25 h** | 30. Other topics -In-pile tests in the IGR research reactor |  |
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| **12.00 h** | 31. Next CEG-SAM meeting | All |
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| **12.10 h** | **End of extended session** |  |
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| **12.20 h** | LUNCH |  |
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|  | **Restricted session** (continued) |  |
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| **13.00 h** | 32. Detailed discussion of presented ISTC project proposals and preparation of CEG-SAM advices | All |
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| **13.15 h** | 33. Strategy for the future of CEG-SAM | M. HUGON, EC,L. TOCHENY, ISTC, All |
| **13.25 h** | 34. Other issues | All |
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| **15.00 h** | **END OF THE MEETING** |  |
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|  | Adjourn |  |
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|  | Transportation of the participants to the hotel "Danilovskaja"or to the Sheremetyevo-2 International Airport |  |

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