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

**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, EC  L. 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, EC  L. 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, EC  L. 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, EC  L. 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, EC  L. TOCHENY, ISTC |
| **14.10 h** | | 12. Status of the information exchange and interaction between ISTC GEG-SAM and SARNET. | | M. HUGON, EC  L. 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. ANISKEVICH  RIT-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, LUCH  A. 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