

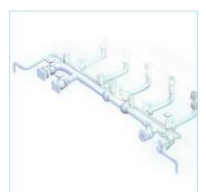
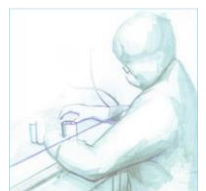
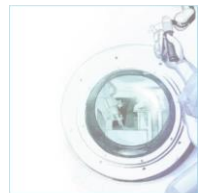
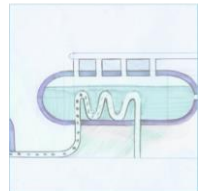


Utilization of SUSEN technologies for the Gen IV development

November 24th 2016, Research Centre Řež (CVŘ)
250 68 Husinec-Řež 130, Czech Republic

Agenda

- 8:30–8:40 Welcome address by **Dr. Martin Ruščák**, the Managing Director of the CVŘ
- 8:40–9:00 **Prof. T. Schulenberg**, Karlsruhe Institute of Technology (KIT), Institut for Nuclear and Energy Technologies (IKET) – *“Status and future directions of SCWR development”*
- 9:00–9:05 *Questions*
- 9:05–9:25 **Prof. W. Ambrosini**, University of Pisa – *“Challenges in the simulation of heat transfer and stability with supercritical pressure fluids”*
- 9:25–9:30 *Questions*
- 9:30–9:50 **Dr. V. Kriventsev**, International Atomic Energy Agency (IAEA) – *“IAEA Activities on Innovative Fast Reactor Nuclear Systems”*
- 9:50–9:55 *Questions*
- 9:55–10:15 **Dr. V. Rondinella**, Joint Research Center (JRC), Nuclear Safety & Security and Decommissioning – *“Tools and methods for post irradiation examination of advanced nuclear fuel”*
- 10:15–10:20 *Questions*
- 10:20–10:45 **Coffee Break**
- 10:45–11:05 **Dr. K. Samec**, CVŘ – *“CVŘ Experimental Work on Gen IV Technologies in the Frame of the SUSEN Project”*
- 11:05–11:10 *Questions*





- 11:10–11:30 **Dr. G. Mazzini**, CVŘ – *“Codes and models for Generation IV technology analyses used in CVŘ”*
- 11:30–11:35 *Questions*
- 11:35–11:55 **Dr. O. Srba**, CVŘ – *“Introduction to the capabilities of SUSEN Hot Laboratory”*
- 11:55–12:00 *Questions*
- 12:00–13:00 **Lunch break**
- 13:00–13:20 **Prof. V. Dostál**, Regional Scientific and Research Centre, Faculty of Mechanical Engineering, University of West Bohemia – *„Supercritical Carbon Dioxide Cycle for Generation IV Reactors”*
- 13:20–13:25 *Questions*
- 13:25–13:45 **Dr. T. Bílý**, Czech Technical University in Prague, Faculty of Nuclear Sciences and Physical Engineering, Department of Nuclear Reactors – *“Current state and future perspectives of Gen IV reactors research at the Faculty of Nuclear Sciences and Physical Engineering of the Czech Technical University”*
- 13:45–13:50 *Questions*
- 13:50–14:10 **Ing. J. Jílek, T. Trojan**, Škoda JS – *“Activities of ŠKODA JS in Generation IV Technology”*
- 14:10–14:15 *Questions*
- 14:15–15:00 **Poster Session**
- 15:00–17:00 **Technical visits** (Hot cells, LR-0, LVR-15, SSD laboratories)

