

ESReDA 58th Virtual Seminar Programme

Using Knowledge to Manage Risks and Threats: Practices and Challenges

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| DAY 1 | 15 | June, Tuesday, 9:00 ÷ 14:45 (Connection link 1) |
| Opening | 9:00 | Luis Ferreira, former president of ESReDA |
| | 9:05 | Franck Wastin, JRC |
| | 9:10 | Zdenko Simic, PCC |
| Invited i | 9:15 | Tea Bilić Zabric, IAEA Knowledge Management Programmes to Support Organizational Capacity Building; Chair: Tuuli Tulonen |
| Break | 9:40 | Short 5 minutes pause. |
| Session 1 | 9:45 | 1st Session: Knowledge for safety I; Chairs: Kaisa Simola, Hrabrin Bachev |
| | 8 9:45 | <i>Agri-food Implications of Fukushima Nuclear Accident - Lesson Learned for Risk Management, Hrabrin Bachev</i> |
| | 10 10:00 | <i>Knowledge management for nuclear energy research and policy - JRC activities in foresight, Z. Šimić, K. Simola, J. Tanarro Colodrón and A. Liessens</i> |
| | 33 10:15 | <i>A method to manage critical knowledge and associated risk, Eeleco Kruizinga, J. Alberts and R. Van Der Spek</i> |
| | 7 10:30 | <i>New Demands on Knowledge Loss Risk Assessment, Sanda Pleslic</i> |
| Break | 10:45 | Longer 15 minutes pause. |
| Invited ii | 11:00 | Wolfgang Kröger, Assessing and Managing Reliability and Risk Issues of Autonomous Vehicles: Emerging Practices and Challenges; Chair: Zdenko Simic |
| Break | 11:25 | Short 5 minutes pause. |
| Session 2 | 11:30 | 2nd Session: Knowledge for safety II; Chairs: John Stoop, Hrabrin Bachev |
| | 17 11:30 | <i>Non-financial reporting as an instrument for safety risk management, Eric Marsden</i> |
| | 24 11:45 | <i>New approaches for Autonomous Vehicles certification: learning best practices from Nuclear Reactor Safety, M. C. Galassi, B. Ciuffo, M. Sangiorgi, L. Di Cesare, C. Sollima</i> |
| | 38 12:00 | <i>Getting a GRIP on robot safety with collaborating data-systems, C. Gulijk, W. Steijn, J. van Oosterhout, J. Willemsen, M. Wilms and D. van der Beek</i> |
| | 34 12:15 | <i>Model-based alarms, an approach to reduce the risk of incorrect asset integrity assessments, C. Rijdsdijk, W. Sluis and T. Tinga</i> |
| Break | 12:30 | Lunch 45 minutes pause. |
| Invited iii | 13:15 | Geert Boosten, Transition towards sustainable aviation: do we need new tools to gain insight?; Chair: Eric Marsden |
| Break | 13:40 | Short 5 minutes pause. |
| Session 3 | 13:45 | 3rd Session: Knowledge gaps and risk; Chairs: Tuuli Tulonen, Kaisa Simola |
| | 2 13:45 | <i>Disruptive or derivative, that's the question, John Stoop</i> |
| | 18 14:00 | <i>Existing Knowledge in Risk Based Electrical Safety Surveillance, Hennamari Valkeinen and Ville Huurinainen</i> |
| | 15 14:15 | <i>A creative factory of knowledge to support city resilience management, Antonio De Nicola and Maria Luisa Villani</i> |
| | 21 14:30 | <i>Auditing: How to check existing knowledge and identify knowledge gaps, Frank Verschueren</i> |
| | 14:45 | <i>Close of the Day 1, PCC Zdenko Simic</i> |
| | 14:50 | <i>End of the day 1.</i> |
| ESReDA | 15:35 | ESReDA General Assembly meeting |
| GA | 16:45 | |

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| DAY 2 | 16 | June, Wednesday, 9:00 ÷ 14:05 (Connection link 2) |
| Invited iv | 9:00 | Jan Hayes, Safety knowledge: the challenge of action; Chair: Nicolas Dechy |
| Break | 9:25 | Short 5 minutes pause. |
| Forum | 9:30 | <i>Obstacles for using Knowledge to manage risk;</i> <i>Chairs: E. Marsden, T. Tulonen, S. Pleslic, S. Paul, Y. Dien</i> |
| Break | 10:20 | Short 5 minutes pause. |
| Session 4 | 10:30 | <i>4th Session: Knowledge and risk management;</i> <i>Chairs: Yves Dien, Dan Serbanescu</i> |
| | 3 | 10:30 <i>Learning from creeping changes, Zsuzsanna Gyenes</i> |
| | 14 | 10:45 <i>Old School or New School, myths or questions?, John Stoop and Sverre Roed-Larsen</i> |
| | 4 | 11:00 <i>How Knowledge is Knowledge Enough for Managing Risks?, Yves Dien and Sever Paul</i> |
| | 13 | 11:15 <i>Safety-I outdates learning and knowledge from failures and accidents: is it relevant?, N. Dechy, Y. Dien, M. Llory, A. Largier and J.-M. Rousseau</i> |
| Break | 11:30 | Longer 10 minutes pause. |
| Session 5 | 11:45 | <i>5th Session: Knowledge and risk management in industry;</i> <i>Chairs: Zsuzsanna Gyenes, Zdenko Simic</i> |
| | 5 | 11:45 <i>Accident Analysis Benchmarking, Lee Allford and Maureen Wood</i> |
| | 19 | 12:00 <i>Practices and Challenges of Risk Management in Small or Medium Enterprises, Miloš Ferjencik</i> |
| | 9 | 12:15 <i>On risk management for some complex and highly innovative artefact systems, Dan Serbanescu</i> |
| | 32 | 12:30 <i>Application of models for the effectiveness of maintenance on practice failure data from power plants, Hank Wels and Patrick Wolbers</i> |
| | 22 | * <i>Maximising New Safety knowledge from safety investigations, Ludwig Benner (paper submitted without presentation)</i> |
| Break | 12:45 | Lunch 45 minutes pause. |
| Invited v | 13:30 | Genserik Reniers, Increasing risk knowledge via different types of transparency for creating an adequate safety culture; Chair: Eric Marsden |
| Break | 13:55 | Short 5 minutes pause. |
| Closing | 14:00 | Kaisa Simola, JRC |
| | | 14:05 The announcement of the 59th ESReDA seminar |
| | | 14:10 Luis Ferreira, former president of ESReDA |

