

ESReDA 58th Virtual Seminar Programme

Using Knowledge to Manage Risks and Threats: Practices and Challenges

DAY 1	15	June, Tuesday, 9:00 ÷ 14:50
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 ÷ 14:15	
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, Y. Dien, T. Tulonen, S. Paul, S. Pleslic</i>
Break	10:20	Short 5 minutes pause.
Session 4	10:30	<i>4th Session: Knowledge and risk management;</i> <i>Chairs: Yves Dien, Zdenko Simic</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, Dan Serbanescu</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