

Dordrecht Conference on **PROCESS SAFETY**

13 May 2026, van der Valk Dordrecht

PROCESSES WITH HAZARDOUS CHEMICALS



Zsuzsanna Gyenes
Chernobyl Disaster



James Pomeroy
Amagasaki Train Crash

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Keynote Speakers



Dr James Pomeroy is global HSE Director for Arup. He studied the Amagasaki railway crash in Japan that occurred in April 2005 . He will explain on the cultural and human performance learnings that are very relevant to avoid major incidents in hazardous operations.

Amagasaki Train Crash 2005



Dr Zsuzsanna Gyenes is a professional process safety engineer specialised in process and nuclear safety for industrial operations. She has a background in nuclear science and safety. She will present on the many incredible aspects of the Chernobyl nuclear disaster as happened April 1986.

Chernobyl Nuclear Disaster 1986



Process Safety Congress Program, May 13 2026

08.15	Walk-in with coffee and connect at the forum		
09.10	Opening		
09.20	James Pomeroy, Arup - Amagasaki train crash		
10.15	Coffee and Tea at the Network Forum		
	Room 1	Room 2	Room 3
11.00	Yokogawa, Arjen de Koning - Sense and Non-Sense of Failure Rates.	Pro6Com, Remco van Lenthe - How safe is safe location?	TCI Risk Management, Stefan Otting - Interface HAZOPs in Practice
11.30	SABIC, Jaco Nel - Chemelot NAK2 incident in 1975	Vopak, Jaco van der Leeden - The invisible ignition source	Nobrian, Remko van der Meijden - Trends analysis - PSM hazards, near misses and incidents
12.00	AcuTech, Eline Beulens - How to Mitigate the Process Safety Memory Crisis	HIMA, Marco Turdo - Safety Alarms: to SIL or not to SIL?	Sofis, Stephan Sadowski - Rethinking valve operation in Hazardous Areas
12.30	Lunch Break and Connect at the Network Forum		
13.30	Versatec, Pim Reuderink - Human factors of safety at a hydrogen storage	Haskoning, Steef Strijbos - Integral CE dossier management	Voovio, Susanna Voges - Digital SOP simulation to improve operational & procedural integrity
14.00	TotalEnergies, Dirk Roosendans - Critical Barrier Management	GrandPerspective, Simon Bunegar - Filling the Gaps: Safety in Complex Emissions Environments	Westlake, Christan van Berchum - Water as ignition source?
14.30	Octave, Dennis Filthaus - 50 years after Seveso, How digitalization actually can work	WoltersKluwer, Mariante & Alwin - Beyond Static PHA: AI Driven Dynamic BowTies	Gexcon, Ron Gerstel - Emergency plans based on scientific models, live data & AI tools
15.00	Coffee and Tea at the Network Forum		
15.45	Zsuzsanna Gyenes - Tsjernobyl Nuclear plant disaster		
16.45	"Bitterballen Borrel"		

Network Forum Participants



YOKOGAWA



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