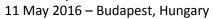
Rolls-Royce Instrumentation & Control Seminar for the Institute of Nuclear Techniques in Budapest



Agenda



	Topics	Time-slot	Speakers
Seminar Introduction	Welcome and opening messages	10h -10h15	Pr. Aszodi Neil Parison
	Review of the Seminar Agenda		Rolls-Royce
Part 0	Rolls-Royce Company presentation Focus on Civil Nuclear I&C Business history, solutions portfolio, organization	10h15-11h15	Neil Parison
	Rolls-Royce I&C Projects existing and future Roadmap Major cooperations that ensure Technology availability and Customer support guarantee for next 30 years, with high Customer proximity		Robert Sommacal
Part 1	 Nuclear Power Plant Overall I&C overview Overall I&C architecture – technical description Overall I&C Architecture development and licensing organization – description of a known and effective scheme, in reference to a Newbuild project in Finland 	11h15-11h45	Rolls-Royce
	Coffee break	11h45 - 12h00	
Part 2	Rolls-Royce Safety I&C Licensing approach and capabilities: Main Safety concepts, and design principles at stake Common issues we can face and how we implement this within costs/ quality and timing targets in compliance with applicable codes and standards	12h00-12h30	Jean-Michel Palaric
Part 3	Rolls-Royce views on I&C Systems for Nuclear Island: Main Systems cartography and respective roles, performance (criteria), and interfaces with Plant I&C, including: Reactor protection System including (Reactor Trip System and Engineered Safety Features Actuation System) Rod Control System Neutron Instrumentation System Plant Monitoring System	12h30-13h15	Jean-Pierre Burel
	Lunch break	13h15 - 13h45	

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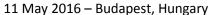
11 May 2016 – Budapest, Hungary



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Topics	Time-slot	Speakers	Topics
Part 4	Features of the Rolls-Royce Spinline™ digital technology platform: Nuclear dedication, design concept, applied functions, performances, development environment, and qualification Adaptability to various architectures, and cases	13h45-14h15	Hélène Jégou
Part 5	 I&C life-cycle management, and long-term support services: Technical data management and experience feedback Equipment Configuration Management Technical intelligence and obsolescence management Evolution mastering 	14h15-14h45	Marie-Pierre Courouble
Part 6	Application experiences in I&C refurbishment and in new-build projects: French Fleet modernization projects VD3 1300Mw, and VD4 900Mw fleet ELSA – Loviisa in Finland Hanhikivi-1 NPP construction (initial phase)	14h45-15h00	Robert Sommacal
Conclusion	Questions & Answers Seminar wrap-up, conclusion messages	15h00	All
Cocktail	Discussions, networking	till 16h00	

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Agenda



List of Rolls-Royce Participants and Partners for Seminar Organization:

- Neil Parison Director, Strategic Accounts & Government Relations Nuclear Rolls-Royce
- Zsuzsa Némedi Senior Trade Adviser Deputy Head of UKTI Budapest British Embassy UK Trade & Investment
- Jean-Michel Palaric Technical Director Nuclear, Instrumentation & Controls Rolls-Royce
- Robert Sommacal Director of Projects, France Nuclear Instrumentation & Controls Rolls-Royce
- Hélène Jégou Bids & Engineering Partnership development manager Nuclear, Instrumentation & Controls Rolls-Royce
- Marie-Pierre Courouble Services Development Manager Nuclear, Instrumentation & Controls Rolls-Royce
- Jean-Pierre Burel Senior Technical Advisor to Nuclear Instrumentation & Controls Rolls-Royce