ICT on Trains
Workshop Programme
Day 1 - 9 October 2013

10:00	**Welcome**		CENELEC-CEI	Gianosvaldo Fadin
			ANIE	Marco Galimberti
10:30	**Panel 1 - Railway ICT in standardisation**	Moderator:	ANIE	Gianosvaldo Fadin
	Upcoming ICT standards			
	Status of standardisation for railway communications		CENELEC	Gianosvaldo Fadin
	Status of on board Multimedia and Telematic applications		CENELEC	Paolo Umiliacchi
	IEC 61375 series – Train Communication Network		CENELEC	Andrea Gatti
	TCNOpen initiative		Bombardier	Armin Hagen Weiss
	ATO over ERTMS Track/Train Interface Principles		Alstom	Benoit Bienfait
	Improving future capacity and performance		Network Rail	Carine Marin
	Q&A			

12:30	Buffet

13:30	**Panel 2 - Railway ICT in regulations**	Moderator:	ERA	Angelo Chiappini
	EU policy and directives		ERA	Angelo Chiappini
	New trends in regulations and TSIs		ERA	Begoña Domingo
	Requests and open points		EIM, CER, UIC	Bart Van der Spiegel
	Rail Technical Strategies in GB		RSSB	John Stafford
	Authorization for putting into service		ITALCERTIFER	Salvatore Vetruccio Davide Lisi
	Q&A			

15:30	Coffee break

16:00	**Panel 3 - Railway ICT in research and innovation**	Moderator:	UNIFE	Massimo Marianeschi
	Shift²Rail		UNIFE	Massimo Marianeschi
	Current research projects			
	ICT on Trains for Energy: the MERLIN project		D'Appolonia	Francesco Sperandio Valeria Bagliano
	FP7 SECUR-ED Demonstration Project Security solutions for urban transportation		ATM	Stefano Milanesi
	Optimal Networks for Train Integration Management across Europe: the ONTIME project		Univ. Of Birmingham	Clive Roberts
	A Strategy for a Train Location System		RSSB	Andy German (Helios) Steve Denniss (Parsons)
	Q&A			

18:00	**End of first day**

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Time			Moderator	Organisation	Speaker
09:30	**Panel 4 – Railway ICT applications state of art**		Moderator:	INFRABEL	Bart Van der Spiegel
	Energy metering and management				
	Telematic application for Energy Management			SAIRA Electronics	Ivano Bresaola
	Energy Measurement System - State of the art			Mors Smitt	Arnaud Girard
	Railpower - The power of clear energy			ÖBB-Infrastruktur AG	Harald Jony
	Energy metering and settlement of train energy consumption			Eress	Bjørn Lysne
	Q&A				
10:50	Coffee break				
11:10	**Driving advisory systems and Automatic Train Operation**				
	DAS and Beyond			TTG - UK	Ian Papworth
	Do we need harmonised DAS data protocols?			CUBRIS	Mads Bergendorff
	Principles of Computer Aided Train Operation			Transrail	Per Leander
	Advanced Energy Efficient Automatic Train Operation in Commercial Operation			AZD Praha	Michal Pavel Aleš Lieskovský
	Q&A				
12:30	Buffet				
			Moderator:	TTG-UK	Ian Papworth
13:30	**Passenger Information and Entertainment Services (PIES)**				
	Telematic applications and technologies for on board services			FERST	Gabriella Perrotta Davide Amato
	Wireless coach to coach			MOXA	Jeremy Dell'Omo Lars Jaeger
	Q&A				
14:10	**Commissioning and Maintenance**				
	A method to reduce costs in commissioning and maintenance phases for on-board networking devices.			VDS	Mauro Barella
	Fleet condition monitoring and diagnostics				
	Telediagnostica system for Trenitalia: a real application for corrective and predictive diagnostics			Bombardier	Fabio Narteni Roberto Agnoli
	Q&A				
15:15	**Roundtable and conclusions**		Moderator:	ANIE	Gianosvaldo Fadin
16:00	**End of workshop**			Announcement of 3rd edition in 2015	