

## Seminar 'BRIDGE DESIGN WITH EUROCODES'

1-2 October 2012, JRC-Ispra

### 1 October 2012

	Time	Session title	Speaker
	9:00 - 9:10	Welcome address	<b>S. Lechner</b> <i>DG JRC, IPSC Director, European Commission</i>
Session 1	<b>Chair: N. Bystrov, V. Leoz-Arguelles and A. Pinto</b>		
	9:10 - 9:25	EU legislation and standardization system – the New Approach (or Advantages of interoperable legislation and standardization systems)	V. Leoz-Arguelles <i>DG ENTR, European Commission</i>
	9:25 - 9:40	Present and future needs for the Federal Highway Agency in Russian Federation	N. Bystrov <i>Federal Highway Agency, Russian Federation</i>
	9:40 – 09:55	Perspectives and benefits of international cooperation in standardization	G. Ascensao <i>CEN Management Centre</i>
	9:55 – 10:05	JRC activities in support of the Eurocodes	A. Pinto <i>Joint Research Centre, European Commission</i>
	10:05 – 10:20	Training and retraining of specialists and experts on Eurocodes in Russia	M. Leybman <i>Moscow State University of Civil Engineering, Vice-Rector</i>
	10:20 – 10:45	<i>Coffee break</i>	
Session 2	<b>Chair: J.-A. Calgaro, M. Fuchs</b>		
	10:45 – 11:15	Basic Principles of the Eurocodes and their Implementation ('EN 1990 - Basis of Design')	J.-A. Calgaro <i>CEN/TC250 Chairman</i>
	11:15 – 11:45	Explaining national calibration period: How to lay down the Nationally Determined Parameters and prepare the National Annex	P. Spehl <i>SECO, Belgium</i>
	11:45 – 12:00	Discussion	All

	12:00 – 13:30	Lunch break	
	13:45 – 14:15	Visit to ELSA Laboratory	A. Pinto, G. Magonette, M. Poljansek, B. Acun <i>Joint Research Centre, European Commission</i>
Session 3	<b>Chair: G. Ascensão, S. Denton</b>		
	14:30 – 15:15	General layout of the Eurocodes Bridge Parts	S. Denton <i>CEN/TC250 HG-Bridges Chairman</i>
	15:15 – 15:45	Actions (Loading) on bridges Use of 'EN 1991 – Actions on structures' for bridge design	N. Malakatas <i>CEN/TC250 SC1 Chairman</i>
	15:45 – 16:15	Coffee break	
	16:15 – 17:00	Design of concrete bridges (Eurocodes innovation aspects, examples of bridges, economy issues)	G. Mancini <i>CEN/TC250 SC2 Chairman</i>
	17:00 – 17:15	Discussion and closure of Day 1	All

2 October 2012

	Time	Session title	Speaker
	<b>Chair: M. Leybman, N. Malakatas</b>		
Session 4	9:00 – 9:30	The first experience of bridge design with Eurocodes in Belarus	A. Nikalayevich <i>State research institute Beldornii, Belarus</i>
	9:30 – 10:45	Design of steel and composite bridges – highway and railway bridges (Eurocodes innovation aspects, examples of bridges, economy issues)	J. Raoul <i>expert, TC250 SC4 former Chairman</i> M. Tschumi <i>expert</i>
	10:45 – 11:15	<i>Coffee break</i>	
	11:15 – 12:15	Design of important bridges and other special constructions with the Eurocodes - Examples	V. de Ville <i>Bureau Greisch – Liège, Belgium</i>
	12:15 – 13:30	<i>Lunch break</i>	
Session 5	<b>Chair: E. Carvalho, G. Mancini</b>		
	13:30 – 14:15	Design of foundations for bridges	R. Frank <i>Ecole des Ponts ParisTech</i>
	14:15 – 15:15	Seismic design of bridges	E. Carvalho <i>TC250 SC8 Chairman</i> G. Mancini <i>TC250 SC2 Chairman</i>
	15:15 – 15:45	<i>Coffee break</i>	
	<b>Chairs: N. Bystrov, V. Leoz-Arguelles and A. Pinto</b>		
Session 6	15:45 – 16:45	Round table discussion and set up of expert working groups	All
	16:45 – 17:00	Conclusions and closure of seminar	All