

# PROGRAMME OF THE CONFERENCE

**Sunday, 11<sup>th</sup> September, 2011**

Time		Where?
18:00	Welcome party	Diplomatski klub Habakuk

**Monday, 12<sup>th</sup> September, 2011**

Time	Title	Authors	Where?
08:30	Registration		Reception (in front of Minařik Hall)
09:00	Opening Ceremony		Minařik Hall
09:30	Opening Lecture <b>Standardization and Electrical Safety</b>	Dr. J. G. Leach	Minařik Hall
10:00	<b>Coffee Break</b>		in front of Minařik Hall
10:30– 12:30	<b>SESSION I International Fuse Standardization and Testing</b>	<b>Chairman: Dr. J.G. Leach</b>	Minařik Hall
	Novelties that IEC 60269-6 brings into test laboratories	D. Koritnik, D. Gluřiĉ	
	The comparison of thermal properties of test rig, fuse-holder and switch-disconnector-fuse	K. Cwidak	
	Cumulative-ageing approach for determination of the life-duration of fuses in case of multi-levels cycles	J. L. Gelet, T. Hayashi	
	Post – arc behaviour in HV outdoor expulsion fuses	S. Averianova, N. Akatnov, E. Tonkonogov	
	Robust Fuse Design	R. Wilkins	
	Fuse Recycling in Germany supports research and education in the field of electrical power distribution	V. Seefeld, P. Brogl	
12:30	<b>Buffet lunch</b>		The Hotel Habakuk Restaurant
14:30– 16:15	<b>SESSION II The Application of Fuses</b>	<b>Chairman: Volker Seefeld</b>	Minařik Hall
	A study of challenges for fuse link protection in the new generations of environmentally friendly vehicles	Craig Rice, Nigel Nurse, Steffie Cheong	
	Requirements on fuses in the trigger circuits of spark-gap-based arresters	A. Ehrhardt, S. Schreiter, M. Rock	
	gPV fuse: special characteristics for Photovoltaic cells protection	J. C. G3mez, D. H. Tourn	
	Fault currents and protection techniques in photovoltaic systems Theoretical considerations of the use of fuses in photovoltaic systems	N. Henze, P. Funtan	
	Vacuum type high voltage fuse for external protection of shunt capacitors	J. Wang, Z. Liu	
17:30– 22:00	Visit of Maribor and wine testing in the Vinag cellar		Bus trip Meeting point: Hotel Habakuk

## Tuesday, 13<sup>th</sup> September, 2011

Time	Title	Authors	Where?
08:30	Registration		Reception (in front of Minařik Hall)
09:00	Opening lecture of the day <b>Varistor fuse or fuse with integrated varistor</b>	M. Koprivšek	Minařik Hall
09:30	<b>Coffee Break</b>		in front of Minařik Hall
10:00-12:00	<b>SESSION III The Application of Fuses</b>	<b>Chairman: P. Brogl</b>	Minařik Hall
	Fuse application in medium voltage switchgear	J. Pihler, M. Stegne, P. Kitak, A. Glotić, B. Fluher, I. Tičar, J. Voršič	
	The influence of current frequencies up to 1.000 Hz on power dissipation and time-current characteristics of NH fuse-links	M. Hausmann, N. Graß	
	Use of low-voltage fuse-links in switch units like fuse – impact on power dissipation and possible mishaps at overload and short-circuit current breaking	B. Pesan	
	Insulated HV fuse holder with voltage indication	B. Česnik, Z. Nedoh	
	Evaluation of the contribution in electricity losses caused by the higher rated voltage of NV/NH fuselinks in the Greek low voltage distribution network	C.S. Psomopoulos, G.C. Ioannidis, Y. Karras	
	Selection of fuses for bare overhead conductors' protection	J. C. Gómez, E. Florena	
12:30 – 18:00	Rafting with timber raft on river Drava, Visist of ICEM-TC, Fala museum		Bus trip Meeting point: Hotel Habakuk
19:30	<b>Conference dinner</b>		Meeting point: Hotel Arena

## Wednesday, 14<sup>th</sup> September, 2011

Time	Title	Authors	Where?
08:30	Registration		Reception (in front of Minařik Hall)
09:00	Opening lecture of the day <b>Review of Fuse Modelling Methods</b>	R. Wilkins	Minařik Hall
09:30	<b>Coffee Break</b>		in front of Minařik Hall
10:00-12:00	<b>SESSION IV Technology, Design and Manufacture Review of Fuse Operation and Modelling Methods</b>	<b>Chairman: dr. R. Wilkins</b>	Minařik Hall
	LABVIEW application to control a new type of high breaking capacity fuse	A. Plesca	
	New solutions for overcurrent protective device discrimination requirements	M. Darr, R. Douglas, V. Saporita	
	The influence of fuses on arcing fault energy and personal protective clothing required	H. Schau, H. Bessei	
	Dissolution of fuse element notches by SnCu solder and the temperature rise of fuse element	M. Bizjak, M. Koprivšek, M. Strehar, V. Martinčič	
	Thermal analysis and temperature calculation for the NV melting fuse	A. Hamler, S. Gril, J. P. Cukovic	
	Present and future requirements for the protection of Photovoltaic systems	N. P. M. Nurse	
12:30	<b>Buffet lunch</b>		The Hotel Habakuk Restaurant
14:30	Fuse Club Meeting		Priol Hall in Hotel Habakuk

## Thursday, 15<sup>th</sup> september, 2011

Time	Title	Authors	Where?
08:30	Trevel around Slovenia (Ljubljana, Postojna cave, ...)		Bus trip Meeting point: Hotel Habakuk