

MODELLING SMART GRIDS AND ENERGY DAY 2019					
Thursday September 19, 2019					
I. Mizera	60	10.00 - 11.00	UNIV. OF ALBERTA	imizera@ualberta.ca	Resistance and robustness: the case for the conservation of outliers in time series
Z. Hlávka	50	11.00 - 11.50	MFF UK	hlavka@karlin.mff.cuni.cz	One- and two-sample monitoring of complex stochastic systems
lunch	15	11.50 - 13.00			
G. Dohnal	40	13.00 - 13.40	FS ČVUT	dohnal@nipax.cz	Optimal inspection time
I. Bukovský	40	13.40 - 14.20	FS ČVUT	ivo.Bukovsky@fs.cvut.cz	Some less conventional methods of nonstationarity evaluation and monitoring with prospects for machine learning
coffee break	15	14.20 - 14.35			
L. Kosková-Třísková	40	14.35 - 15.15	TUL	lenka.koskova.triskova@tul.cz	Building as a source of an information - sensors in smart buildings
Č. Jirsák	20	15.15 - 15.35	TUL	cenek.jirsak@tul.cz	Parallel redundancy with continuously deteriorating components
coffee break	15	15.35 - 15.50			
M. Brabec	40	15.50 - 16.30	ÚI AV ČR	mbrabec@cs.cas.cz	Power plant turbine rotor health monitoring via BTT and statistical modeling
general discussion	30	16.30 - 17.00			
Friday September 20, 2019					
opening	5	8.40 - 8.45			
J. Baarsma	60	8.45 - 9.45	EE VISION	info@ee-vision.nl	The implementation of Solar Energy in Netherlands and the implications on the grid
J. Štuller	50	9.45 - 10.35	MPO	stuller@mpo.cz	Myths about the nuclear power program which are not true
coffee break	15	10.35 - 10.50			
V. Wágner	30	10.50 - 11.20	ÚJV ŘEŽ	wagner@ujf.cas.cz	South Korean power energetics

J. Antoch	30	11.20.-11.50	MFF UK	antoch@karlin.mff.cuni.cz	Modelling standard profiles of atmospheric radiation
coffee break	15	11.50 - 12.05			
D. Burket	40	12.05 - 12.45	CV ŘEŽ	danes.burket	Výzvy pro energetiku 21. století
M. Postránecký	40	12.45 - 13.25	CIIRC ČVUT	postranecky@gmail.com	Twin city - virtual twin
lunch		13.25 - 14.00			
round table discussion		14.00 - 16.00			
Saturday September 21, 2019					
M. Černý	45	9.00 - 9.45	VŠE	mcerny@vse.cz	Optimization problems when encountering big data
I. Bukovský	30	9.45 - 10.15	FS ČVUT	ivo.Bukovsky@fs.cvut.cz	Usage of learning entropy in novelty detection
coffee break	15	10.15 - 10.30			
G. Dohnal	30	10.30 - 11.00	FS ČVUT	dohnal@nipax.cz	Bayesian detection schemes
E. Cézová	30	11.00 - 11.30	FS ČVUT	eliska_c@email.cz	Economic design of zone diagrams
J. Antoch	30	11.30 - 12.00	MFF UK	antoch@karlin.mff.cuni.cz	Modelling and detection of instabilities in panel type data
coffee break	15	12.00 - 12.15			
Z. Fabián	30	12.15 - 12.45	ÚI AV ČR	zdenek@cs.cas.cz	Information under the uncertainty
V. Pokorný	30	12.45 - 13.15	FS ČVUT	pokorny.vena@gmail.com	System management in practice
H. Beran	45	13.15 - 14.00	CIIRC ČVUT	hynek.beran@cvut.cz	Optimization of energetic networks
conclusions	30	14.00 - 14.30			