Program

Morning Session 1, 9:15, NA2,
chairman: prof. Ing. Ivan Taufer, DrSc. & prof. Ing. Miluše Vítečková, CSc.

1	Hysteresis compensation of piezoelectric actuator	LOS, J., TŮMA, J. & ZAVADIL, J.
2	Determination of accuracy and repeatibility of positioning NC table axes	PETÁK, T.& BENKÓ, P.
3	Robustness of Control System with Time Delay	SPURNÝ, M. & MAHDAL, M.
4	Strength analysis and analysis of the magnetic field of an electromagnetic power generator	WĘGRZYNOWSKI, M.
5	Web portal for team building used MS SharePoint	STANÍČEK, P., FARANA, R. & FOJTÍK, D.

Morning Session 2, 11:00, NA2,
chairman: doc. Ing. Milan Javůrek, CSc. & dr. inž. Janusz Pluta

1	Testing stand for the Electronic Variable Pitch Drive	GEBAUER, J. & KOČÍ, P.
2	Accuracy Problems of Thermal Comfort Parameters	KOŠÍKOVÁ, J., JANEČKA, J. & VDOLEČEK, F.
3	The Control unit for production of biodiesel	PLŠEK, S. & VAŠEK, V.
4	Semiactive damping of a sandwich beam with magnetorheological fluid	ROMASZKO, M.
5	WIA scanning app	KOPP, M. & LANDRYOVÁ, L.

Afternoon Session, 13:00, NA2,
chairman: prof. Ing. Radim Farana, CSc. & prof. Ing. Jiří Tůma, CSc.

1	Visualisation of Biomass Fired Boiler	KUBERA, M. & VRÁNA, S.
2	Rotor diagnostics of induction motor	HORČIC, V.
3	Filtering of Data Specific to Biomass Combustion	PLACIER, E. & PLAČEK, V.
4	Application software for data collecting and dat processing, intended for embedded PC with touchscreen	PODEŠVA, P. & FOJTÍK, D.
5	Blob Analysis and Pattern Recognition using MATLAB	ZAVADIL, J., TŮMA, J. & JANEČKA, P.

Poster Session, 9:00, NA2

The Elimination of Wind Up Effect in Robust Control Algorithm Operating in Sliding Mode	DUDA, T.
Using a leaser distance sensor for distance and shape of objects	JANEČKA, P., ZAVADIL, J. & RICHTR, L.
E-business for small and middle companies	PAVLAS, R.
Ensuring quality of system identification using correlation methods	ŠKUTOVÁ, J. & TŮMA, J.
Simple Digital Controller Tuning	VÍTEČKOVÁ, M. & VÍTEČEK, A.