Modelling and Control of the Multi-Converts / AC Multi-Machines for the Embedded Systems;

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Short description of the lecture:

Embedded systems range from portable devices to large stationary installations like factory controllers, and largely complex systems like hybrid vehicles, multi-inverter/multi-machine for induction railway traction systems, multi-inverter/multi-PMSM systems for the aeronautic applications, and doubly fed induction machine for the innovative naval propulsion.

Modelling and Control of the Embedded Systems require careful formulation of the mathematical equations with appropriate coupling terms as well as special control techniques. In this special course several examples of multi-inverter/multi-AC actuator – multi-load systems applied in traction systems, aeronautic systems, and innovative naval propulsion systems will be presented.

Contents:

Terminy wykładów			
Data	**Dzień tyg.**	**Godzina**	**Sala**
2015-04-13	Pn	9.15-15.00	EiA E27
2015-04-14	Wt	9.15-15.00	EiA E27
2015-04-15	Śr	8.15-11.00	EiA E28

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