Vortragsankündigung

Seminar Regelungssysteme LV 0430L 654

Freitag, 14. Februar 2014, 14:00 Uhr

Vortragsort: EN 223

Prof. Hamid Reza Karimi,
Department of Engineering, Faculty of Engineering and Science,
University of Agder, Grimstad, Norway

Offshore wind turbine control systems

This talk is devoted to present new results on the modeling, analysis and control of offshore wind turbines. Firstly, the modeling part consisting of multibody models, reduced-order models, bond graph-based models are reviewed, then, some control methodologies developed in recent years for pitch control and structural control purposes of offshore wind turbines are presented.