



УНИВЕРЗИТЕТ  
У НОВОМ САДУ



ФАКУЛТЕТ  
ТЕХНИЧКИХ НАУКА

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Сертификован  
систем  
квалитета



108. Sastanak IEEE u Novom Sadu / 108<sup>th</sup> IEEE Meeting  
in Novi Sad  
**Obaveštenje / Announcement**

**Prof. Jovica Milanović, Ph.D.**



*IEEE Fellow*

**The University of Manchester  
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u **ponedeljak, 26. 12. 2011.** u Svečanoj  
sali Fakulteta tehničkih nauka u Novom  
Sadu, sa početkom u **16:00 h**, održati

On **Monday, December 26, 2011**, in  
Ceremonial Hall of the Faculty of Technical  
Sciences Novi Sad at **4:00 pm** will deliver

## **P R E D A V A N J E L E C T U R E**

### **MODELOVANJE, UPRAVLJANJE I RAD ELEKTROENERGETSKIH SISTEMA BUDUĆNOSTI**

**Modelling, Control and Operation of Future Power Systems**

**Abstract:** Future power systems will be characterised by mix of wide range of electricity generating technologies, responsive and highly flexible demand/storage with significant temporal and spatial uncertainty, proliferation of power electronics (HVDC and to certain extent FACTS devices) at transmission system level, flexible hierarchical control structure and blurred boundaries between transmission and distribution system (with distribution system becoming more “transmission like”) and significantly higher reliance on the use of global (Wide Area Monitoring) signals for system identification and control and Information and Communication Technology embedded within the power system network and its components.

*Katedra za energetska elektroniku i pretvarače i*

 <b>IEEE</b> <i>Networking the World™</i>	<b>IEEE – Serbia &amp; Montenegro Section</b>	  
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