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WORKSHOP FEES

Attendance at the workshop is free of charge.

Lectures, Workshop notes, tea/coffee breaks are included for
registrated attendees.

REGISTRATION DEADLINE: September 26th 2013.

ON-LINE REGISTRATION:

http://www.riteh.hr/Workshop_2013
srdjan.skok@riteh.hr

Gala dinner fee per person is **50 €**.

INFORMATION, REGISTRATION AND WORKSHOP LOCATION

Location: Faculty of Engineering
Vukovarska 58, 51 000 Rijeka, CROATIA
P1 ROOM (P1 Predavaona)

Workshop Coordinator: Prof. Srdjan Skok, PhD
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International Workshop on

INTELLIGENT SOLUTIONS FOR POWER TRANSMISSION SYSTEM

September 26, 2013

RIJEKA, CROATIA



Organized by



Faculty of Engineering, Rijeka, Croatia



Croatian Science Foundation



Končar - Power Plant and
Electric Traction Engineering Inc.

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Engineering Inc.



Croatian Transmission System Operator-
HOPS

OBJECTIVES

The aim of the Workshop is to present an Intelligent System for protection and operation of Power Transmission Grid. The basis of intelligent systems are synchronized measuring of voltage and current phasors, as a globally acknowledged Intelligent Power Transmission Grid technology. Intelligent Systems for protection and operation of Power Transmission Grid require the creation of a *System Integrity Protection Scheme* – SIPS. SIPS will be presented at the Workshop. This workshop is a result of 3 years work on the project focused on SIPS implementation in Croatia founded by Croatian Science Foundation and Croatian Electricity Company – HEP. The workshop offers transmission engineering and operating personnel about synchronized measurement in power system, practical knowledge of all aspects of deploying synchronized measurement technology for Intelligent System applications.

Main topics are:

- Smart Transmission Grid – Theory and Application
- Automated Control of Power Transmission Grid
- Modern Monitoring and Control of Power Transmission System
- Applications Based on Synchronized Phasor Measurements,
- Improved State Estimation
- System Integrity Protection Scheme (SIPS)

INTENDED AUDIENCE

This workshop is intended for professionals from academia, transmission system operators, distribution system operators, regulators, generation companies, customers (industrial facilities), consultants and post-graduate students.

WORKSHOP DURATION

This is a one day course, on Thursday the 26th of September, 2013.

TIMETABLE

8.00-19.00	THURSDAY September 26th <i>Registration and Information</i> Welcome and Introduction
9.00- 9.15	
9.15-10.15	Session 1 (Moderator: Ivan Daidžić) Skok: Smart Transmission Grid - Scientific Project – Activities and Results 2010-2013- System Integrity Protection Schemes
10.15-11.00	Šturlić: Synchroshield – Complete Solution for Transmission System Operators
11.00-11.15	<i>Coffee break</i>
11.15-12.00	Session 2 (Moderator: Srđan Skok) Čerina: 21 st Century Challenges for Transmission System Operators – Automated Control
12.00-12.45	Daidžić: Modern Monitoring and Control of Power Transmission System
12.45-13.00	Panel Discussion
13.00-14.00	<i>Lunch</i>
14.00-14.30	Session 3 (Moderator: Ivan Šturlić) Pavić: Improved State Estimation
14:30-15:00	Matica: Power Transmission System Modelling Based on Synchronized Measurements
15:00-15.30	Brnobić: WAMSTER – Portable Device for Synchronized Measurements
15:30-16.00	Final Discussion
20.30-23.00	<i>Workshop gala dinner</i> (50 € per person)

ORGANIZING COMMITTEE

Chairman:

Prof. Srđan Skok

Faculty of Engineering, Rijeka, Croatia

Members:

Zdeslav Čerina, CEO

Croatian transmission system operator-HOPS, Zagreb, Croatia

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