

**PROGRAM RADA ELEKTRANE 2010 /  
POWER PLANTS 2010 PROGRAMME WITH THE TIME TABLE,  
VRNJAČKA BANJA, 26- 29 OCTOBER 2010**

**UTORAK / TUESDAY 26.10.2010.**

<b>17<sup>00</sup></b>	<p><b>Otvaranje Međunarodne konferencije ELEKTRANE 2010 / INTERNATIONAL CONFERENCE POWER PLANTS 2010 OPENING CEREMONY</b></p> <p><b>Pozdravne reči / WELCOME ADDRESS</b></p>
	<ul style="list-style-type: none"> <li>- Predsednika Društva termičara Srbije <b>Prof.dr. Milana Radovanovića</b></li> <li>- Predsednika Organizacionog odbora Elektrane 2010 <b>dr. Predraga Stefanovića</b></li> <li>- Predstavnik državnih institucija</li> </ul> <p><b>Otvaranje skupa / OPENING CEREMONY</b></p> <ul style="list-style-type: none"> <li>- Ministar rudarstva i energetike Republike Srbije <b>Prof.dr. Petar Škundrić</b></li> <li>- <b>Njegova Exelencija Nils Ragnar K'amsvåg</b>, Ambasador Norveške u Srbiji</li> </ul>
<b>17<sup>30</sup></b>	<p><b>Uvodna predavanja – Opening Lectures</b></p> <p style="text-align: center;">(Predsedavaju Prof. dr. Milan Radovanović, Prof. dr. Dragoslava Stojiljković, dr. Predrag Stefanović)</p>
	<ul style="list-style-type: none"> <li>- <b>Dr. Aca Marković</b>, Predsednik UO JP “ELEKTROPRIVREDA Srbije”</li> <li>- <b>Ljubo Mačić</b>, predsednik saveta Agencije za energetiku Republike Srbije</li> <li>- <b>Đorđi Biljanovski</b>, zamenik direktora PD TENT</li> <li>- <b>Nebojša Karanović</b>, Direktor direkcije za proizvodnju PD HE ĐERDAP</li> <li>- <b>Prof. dr. Milan Radovanović</b>, Predsednik Društva termičara Srbije – „Umesto reči“</li> </ul>
<b>19<sup>00</sup></b>	<p><b>Koktel dobrodošlice (sponzor koktela dobrodošlice PD TENT Obrenovac)</b></p> <p><b>WELCOME COCKTAIL (sponsored by PD TENT Obrenovac)</b></p>

**SREDA / WEDNESDAY 27.10.2010.**

**PREPODNEVNI PROGRAM / MORNING PROGRAM:**

**SVEČANA SALA HOTELA ZVEZDA / MAIN CONFERENCE ROOM**

8 <sup>30</sup>	<b>POZIVNA PREDAVANJA / INVITED LECTURES</b> (Predsedavaju Prof. dr. Dragoslava Stojiljković, dr. Predrag Stefanović, dr. Slobodan Đekić)
8 <sup>30</sup> – 8 <sup>40</sup>	Nebojša Pokimica, Pomoćnik ministra životne sredine i prostornog planiranja i UNFCCC Focal Point <b>“KLIMATSKE PROMENE KAO MULTISEKTORSKI IZAZOV”</b>
8 <sup>40</sup> – 8 <sup>50</sup>	Danijela Božanić, šef Odseka za klimatske promene, MŽSPP <b>“PROCES IZRADE, CILJEVI I SADRŽAJ PRVE NACIONALNE KOMUNIKACIJE”</b>
8 <sup>50</sup> – 9 <sup>05</sup>	Dr. Marina Jovanović, Laboratorija za termotehniku i energetiku, Institut za nuklearne nauke „Vinča” <b>“PRORAČUN EMISIJA GHG I MERE UBLAŽAVANJA KLIMATSKIH PROMENA”</b>
9 <sup>05</sup> – 9 <sup>20</sup>	Dr. Borislav Grubor, Laboratorija za termotehniku i energetiku, Institut za nuklearne nauke „Vinča” <b>“MERE UBLAŽAVANJA KLIMATSKIH PROMENA ”</b>
9 <sup>20</sup> – 9 <sup>35</sup>	Dr. Predrag Stefanović, Institut za nuklearne nauke „Vinča” / Prof. dr. Saša Jovović, Mašinski fakultet, Univerzitet u Beogradu <b>“INVESTICIONI PROJEKTI ZA UBLAŽAVANJE KLIMATSKIH PROMENA-”</b>
9 <sup>35</sup> – 9 <sup>55</sup>	Dr. Konstantin GRIGORYEV, Saint-Petersburg State, Polytechnic University, FACULTY OF POWER ENGINEERING, Reactor & Steam Power Engineering Department <b>“DEVELOPMENT OF POWER INDUSTRY IN RUSSIA”</b>
9 <sup>55</sup> – 10 <sup>15</sup>	Zoran V. STOŠIĆ, AREVA NP, Germany <b>“CHALLENGES ON THE ROAD TO THE 1<sup>ST</sup> NATIONAL NPP — A COUNTDOWN”</b>
10 <sup>15</sup> – 10 <sup>35</sup>	Dr. Leon Cizelj, Jožef Stefan Institute, Reactor Engineering Division, and University of Ljubljana, Faculty of Mathematics and Physics, Ljubljana, Slovenia <b>“RESEARCH AND EDUCATION IN NUCLEAR ENGINEERING AND SAFETY: A NATIONAL, REGIONAL OR GLOBAL ACTIVITY?”</b>
10 <sup>35</sup> – 10 <sup>55</sup>	Ana Stanić, E&A Law, London, England <b>“INVESTMENTS IN THE ENERGY SECTOR: LESSONS FOR STATES”</b>
10 <sup>55</sup> – 11 <sup>15</sup>	<b>Pauza za kafu u holu ispred štandova sponzora / Coffee break</b>
11 <sup>15</sup> – 11 <sup>30</sup>	Sally Kitchen (presentation by Mr Jan Slegl), ALSTOM POWER <b>“CO<sub>2</sub> REDUCTION, UTILISING EXISTING ASSETS- DEDICATED BIOMASS CO-FIRING”</b>
11 <sup>30</sup> – 11 <sup>45</sup>	Krzysztof Burek, RAFAKO.S.A., Racibórz, Poland <b>“MODERN FLUEGAS CLEANING TECHNOLOGY IN POWER SECTOR”</b>
11 <sup>45</sup> – 12 <sup>00</sup>	Douglas Spalding, DOOSAN Power Systems Limited, United Kingdom <b>“LARGE REHABILITATION CASE STUDY FROM NIKOLA TESLA A, SERBIA”</b>

12 <sup>00</sup> – 12 <sup>15</sup>	Dr. Klaus Bärnthaler, AE&E - Air Pollution Control, Austria <b>“98,3% DESULPHURISATION EFFICIENCY - HIGH SO<sub>2</sub> REMOVAL PERFORMANCE USING LIMESTONE FGD AT RETROFIT PROJECTS TUSIMICE AND PRUNEROV”</b>
12 <sup>15</sup> – 12 <sup>30</sup>	Craig Buckley, Clyde Bergemann, Materials Handling Ltd, Lakeside Boulevard, Doncaster, UNITED KINGDOM <b>“POWER PLANT LIFE EXTENSION AND IMPROVED AVAILABILITY USING ENVIRONMENTALLY FRIENDLY DENSE-PHASE CONVEYING SOLUTIONS”</b>
12 <sup>30</sup> – 12 <sup>45</sup>	Daniel Bartels (presenting Kiet Pham), Clyde Bergemann GmbH, 46485 Wesel, Germany <b>“INCREASE OF BOILER EFFICIENCY BY SELECTIVE ON-LOAD BOILER CLEANING – AN INNOVATIVE APPROACH USING DIRECT MEASUREMENTS AND DYNAMIC SOFTWARE ALGORITHMS”</b>
12 <sup>45</sup> – 13 <sup>00</sup>	Wolfgang Sautter, General Manager Sales & Contracts, Variable Speed Drives, VOITH, Germany <b>“ODABIR NAJEKONOMIČNIJEG POGONSKOG SISTEMA ZA NAPOJNE PUMPE”</b>
13 <sup>00</sup> – 13 <sup>15</sup>	Dr.-Ing. Thomas Riepe (BABCOCK NOELL GMBH, Würzburg, GERMANY <b>“CONVERSION OF ELECTROSTATIC PRECIPITATORS IN COAL FIRED POWER STATIONS TO MEET NEW EUROPEAN EMISSION REQUIREMENTS”</b>
13 <sup>15</sup> – 13 <sup>30</sup>	Dr. Vesna Barišić - FOSTER WHEELER Energia Oy, R&D Department, Varkaus, Finland <b>“STATE-OF-THE-ART CFB TECHNOLOGY FOR UTILITY-SCALE BIOMASS POWER PLANTS”</b>
13 <sup>30</sup> – 13 <sup>45</sup>	Wolfgang KARL - BABCOCK NOELL GMBH Alfred-Nobel-Str. 20 97080 Würzburg, GERMANY <b>“OPERATING RESULTS FOR THE TRAY-ABSORBER INSTALLED BY BABCOCK NOELL GMBH AT THE OXYFUEL PILOT PLANT AT THE SITE OF SCHWARZE PUMPE AND TRAY RETROFITTING IN EXISTING PLANTS”</b>
13 <sup>45</sup> – 14 <sup>00</sup>	Dr. Konstantin GRIGORYEV, Saint-Petersburg State, Polytechnic University, FACULTY OF POWER ENGINEERING, Reactor & Steam Power Engineering Department <b>“EXPERIENCE WITH LOW TEMPERATURE VORTEX COMBUSTION OF DIFFERENT FULS AT BKZ-210-13,8 BOILER OF KIROV CHP-4 AND POSSIBILITES OF ITS USE AT BALKANS”</b>
14 <sup>00</sup> – 14 <sup>15</sup>	Jiri Fiala - Head of Engineering Dept., SKODA POWER s.r.o, Plzen, Czech Republic <b>“SKODA ULTRA SUPERCRITICAL TURBINE”</b>
14 <sup>15</sup> – 14 <sup>30</sup>	mr Bojan Kovačić, zamenik direktora, Agencija za energetska efikasnost Republike Srbije <b>“ACTIVITIES OF THE SERBIAN ENERGY EFFICIENCY AGENCY AIMING AN IMPROVEMENT OF ENERGY EFFICIENCY IN SERBIA”</b>
14 <sup>30</sup>	<b>Pauza za ručak / Lunch break</b>
16 <sup>30</sup> – 18 <sup>30</sup>	<b>KONFERENCIJSKI IZLET / CONFERENCE EXCURSION</b>

## KONFERENCIJSKI IZLET / CONFERENCE EXCURSION

**Ljubostinja** (Serbian Cyrillic: Љубостиња) is a Serbian Orthodox monastery near Trstenik, Serbia. Located in the small mountain valley of the Ljubostinja river. Monastery is dedicated to the Holy Virgin. The monastery was built from the 1388 to 1405. In Ljubostinja were buried Princess Milica, Lazar Hrebeljanović's wife and Nun Jefimija, which after the Battle of Kosovo here became a nun along with a number of other widows of Serbian noblemen who lost their lives in the battles on the river Maritsa and Kosovo Polje. Today Ljubostinja is female monastery which preserves and maintains about fifty nuns. During the rebellion of Kočine, the people were invited on rebellion from the Ljubostinje monastery. After the collapse of rebellion Turks burned the monastery to revenge the Serbs, and most of the frescoes were destroyed. Also, when the monastery was set on fire a secret treasure was discovered that was hidden in the monastery wall behind icons in which the Princess Milica hid their treasure. Among the stolen treasure was located Crown of Prince Lazar, which is now located in Istanbul.

### Architecture and painting



Monastery Ljubostinja have one dome and narthex. It was built with trimmed stones, while the facade are re-plastered and painted to imitate masonry of stone and bricks. The monastery was built in the Morava Style. The builder is master Rade Borović, whose name is on the threshold of the passage from the narthex to nave. Paintings is only partially preserved, and it was built on two occasions. In the narthex are portraits of Prince Lazar and Princess Milica made by Hieromonk Makarije. From the painting works are still preserved: "Great Holidays," "Passion," "Miracles" ... The church also have very valuable iconostasis, which was painted by Nikola Marković in 1822.

Ljubostinja was declared Monument of Culture of Exceptional Importance in 1979, and it is protected by Republic of Serbia.

*Manastir Ljubostinja se nalazi u blizini Trstenika i 9 km severo-istočno od Vrnjačke Banje. Smešten je u dolini male planinske reke (Ljubostinjska reka).*

*Posvećen je Uspenju presvete Bogorodice. Manastir je građen od 1388. do 1405. godine. U Ljubostinji su sahranjene kneginja Milica, žene kneza Lazara i monahinja Jefimija, koje su se posle Kosovske bitke ovde zamonašile sa brojnim udovicama srpskih vlastelina izginulih u bojevima na Marici i Kosovu polju. Danas je Ljubostinja ženski manastir koji čuva i održava oko pedeset monahinja. Za vreme Kočine bune iz manastira Ljubostinje je narod pozvan na ustanak. Posle propasti bune Turci su zapalili manastir da bi se osvetili Srbima. Tada je većina fresaka uništena. Takođe kada je manastir zapaljen otkrivena je tajna riznica koja je bila sakrivena u manastirskom zidu iza ikone u kojoj je kneginja Milica sakrila svoje blago. Među opljačkanim blagom nalazila se i kruna kneza Lazara koja se danas nalazi u Istanbulu. Manastir slavi 19. avgust, Preobraženje.*

### Arhitektura i slikarstvo

Manastir Ljubostinja je trikonhalne osnove razvijenog tipa sa kupolom i pripratom. Zidan je pritesanim kamenom, dok su fasade premalterisane i islikane tako da imitiraju zidanje kamenom i opekam. Manastir je građen u Moravskom stilu. Graditelj je protomajstor Rade Borović, čije se ime nalazi na pragu prolaza iz priprate u naos. Živopis je samo delimično sačuvan, rađen je u dva navrata. U priprati se nalaze portreti kneza Lazara i kneginje Milice koje je načinio jeromonah Makarije. Od slikarskih dela sačuvana su još: "Veliki praznici", "Stradanja", "Čuda"... U crkvi se nalazi i veoma vredan ikonostas koji je 1822. godine oslikao Nikola Marković.



**KONFERENCIJSKI KONCERT / CONFERENCE CONCERT:  
Kulturno Umetničko Društvo KUD TENT**

**1. DANCES FROM OBRENOVAC / Igre iz Obrenovca – 5 min**

Choreography / U koreografiji Srbojuba Ninkovića  
Musical Arrangement / Muzički aranžman Etnomuzikolog Biljana Konjević

**2. DANCES FROM BOSILEGRAD / Igre iz Bosilegradskog Krajišta – 6 min 50 sec**

Choreography / U koreografiji Srbojuba Ninkovića  
Musical Arrangement / Muzički aranžman Etnomuzikolog Biljana Konjević

**3. THE SILENT DANCE FROM GLAMOCH / Glamočko nemo kolo – 5 min**

Choreography / U koreografiji Srbojuba Ninkovića

**4. DANCES FROM VLADICIN HAN / „Pokraj pokraj Ruške“ igre iz Vladičinog hana – 6 min 50 sec**

Choreography / U koreografiji Nenad Jakovljević  
Musical Arrangement / Muzički aranžman Etnomuzikolog Biljana Konjević

**5. DANCES FROM SOUTH SERBIA / „Veliko oro“ – splet narodnih melodija sa juga Srbije – 5 min.**

- Zumbalica izvodi muška grupa pevača – 1min 30 sec
- More izgrejala nane – narodna pesma sa Kosova – 1min 30 sec
- Kude si pošla mori cveto- narodna pesma sa juga Srbije – 1min30 sec

**6. DANCES FROM KOSOVO / Igre Kosovskog pomoravlja – 8min 40 sec**

Choreography / U koreografiji Srbojuba Ninkovića  
Musical Arrangement / Muzički aranžman Etnomuzikolog Biljana Konjević

**TOTAL DURATION / UKUPNO SA IZLASCIMA : 45 min**

Art director / Umetnički rukovodilac narodnog orkestra i grupe pevača etnomuzikolog Biljana Konjević  
Art director / Umetnički rukovodilac ansambla narodnih igara i pesama koreograf Slobodan Radojičić



**ČETVRTAK / THURSDAY 28.10.2010.**

**PREPODNEVNI PROGRAM / MORNING PROGRAM:**

**SVEČANA SALA HOTELA ZVEZDA / MAIN CONFERENCE ROOM**

9 <sup>00</sup>	<b>POZIVNA PREDAVANJA / INVITED LECTURES</b> (Predsedavaju Prof.dr. Simeon Oka, Prof.dr. Milovan Studović)
9 <sup>00</sup> – 9 <sup>15</sup>	Prof.dr. Milovan Studović, Energy Financing Team, Belgrade, Serbia <b>“STATUS AND PERSPECTIVE OF THE ELECTRIC POWER SYSTEMS WITHIN REGION OF SOUTHEAST EUROPE”</b>
9 <sup>15</sup> – 9 <sup>30</sup>	Prof.dr. Nenad Đajić, Rudarsko-geološki fakultet, Beograd, Serbia <b>“ENERGY IN SPATIAL PLAN OF SERBIA”</b>
9 <sup>30</sup> – 9 <sup>45</sup>	Prof. dr. Milan V. Petrović, Laboratory of Thermal Turbomachinery, Fac. of Mech. Engineering, University of Belgrade, Serbia <b>“TERMOENERGETSKE TEHNOLOGIJE - STANJE I PERSPEKTIVE RAZVOJA I PRIMENE”</b>
9 <sup>45</sup> – 10 <sup>00</sup>	Prof. dr. Vera Šijački-Žeravčić, Faculty of Mechanical Engineering, University of Belgrade, Serbia <b>“NOVI MATERIJALI ZA KOTLOVE - NOVI IZAZOVI ZA INŽENJERE ODRŽAVANJA”</b>
10 <sup>00</sup> – 10 <sup>15</sup>	Prof. dr. Maja Đurović-Petrović, European University, Belgrade, Serbia <b>“THE ROLE AND IMPORTANCE OF STRATEGIC PLANNING AND EDUCATION MANAGER FOR THE SUSTAINABLE DEVELOPMENT OF ENERGY IN THE REPUBLIC OF SERBIA”</b>
10 <sup>15</sup> – 10 <sup>30</sup>	Željko M. Lazović, Vattenfall Europe PowerConsult and Electric Power Industry of Serbia <b>“PRODUCTION INFORMATION SYSTEM PRODAS AND DEVELOPMENT AND IMPLEMENTATION OF A SIMILAR SYSTEM IN ELECTRIC POWER INDUSTRY OF SERBIA”</b>
10 <sup>30</sup> – 11 <sup>00</sup>	<b>Pauza za kafu u holu ispred štandova sponzora / Coffee break</b>

**ČETVRTAK / THURSDAY 28.10.2010.**

**PREPODNEVNI PROGRAM / MORNING PROGRAM:**

**SVEČANA SALA HOTELA ZVEZDA / MAIN CONFERENCE ROOM**

11 <sup>00</sup>	<b>EKSPLOATACIONI PROBLEMI TERMOELEKTRANA - I</b> (Predsedavaju: Dr. Dragan Kovačević, Dr. Ninel Čukarevski)
11 <sup>00</sup> – 11 <sup>15</sup>	Goran Jakupović, Institut “Mihajlo Pupin”, Beograd, <b>“UVOĐENJE TERMOELEKTRANE NIKOLA TESLA A U SISTEM SEKUNDARNE REGULACIJE FREKVENCije I SNAGE RAZMENE (AGC)”</b>
11 <sup>15</sup> – 11 <sup>30</sup>	J. Dragosavac, Electrical Engineering Institute “Nikola Tesla”, Belgrade <b>“JOINT VAR AND W REGULATOR IMPLEMENTED AT TE ”NIKOLA TESLA A” – OBRENOVAC”</b>

11 <sup>30</sup> – 11 <sup>45</sup>	Dragan Kovačević - Electrical Engineering Institute "Nikola Tesla", Belgrade, <b>“PARTIAL DISCHARGE MONITORING OF TURBOGENERATORS”</b>
11 <sup>45</sup> – 12 <sup>00</sup>	Nenad Kartalović - Electrical Engineering Institute "Nikola Tesla", Belgrade <b>“PARTIAL DISCHARGE MODEL OF THE LARGE APPARATUS”</b>
12 <sup>00</sup> – 12 <sup>15</sup>	Saša M. Stojković - Tehnički fakultet Čačak <b>“INFLUENCES OF SYNCHRONOUS AND INDUCTION DISTRIBUTED GENERATORS ON THE VOLTAGE PROFILE, SHORT-CIRCUIT CURRENTS, AND VOLTAGE SAGS-”</b>
12 <sup>15</sup> – 12 <sup>30</sup>	Miloje M. Kostić - Electrical Engineering Institute Nikola Tesla, Belgrade <b>“PROPOSAL FOR ADDITION OF IEC 34-4 STANDARD IN PART FOR DETERMINATION OF POTIER REACTANCE”</b>
12 <sup>30</sup> – 12 <sup>45</sup>	M.M. Kostić, Electrical Engineering Institute Nikola Tesla, Belgrade <b>“CONSTRUCTION OF GENERATOR CAPABILITY CURVES USING THE NEW METHOD FOR DETERMINATION OF POTIER REACTANCE”</b>
12 <sup>45</sup> – 13 <sup>00</sup>	Dragan Ristivojević, RB “Kolubara”, Lazarevac, Srbija <b>“ANALIZA POJAVA U MREŽI 6 KV PRI RAZVLAČENJU ELEKTRIČNOG LUKA”</b>
13 <sup>00</sup> - 13 <sup>15</sup>	Slobodan Damjanović, ing.el.tehn. - PD RB "Kolubara - Površinski kopovi" Lazarevac, Srbija <b>“SPECIFIČNOSTI PRI MERENJU OTPORA UZEMLJENJA U-I METODOM”</b>
13 <sup>15</sup> - 13 <sup>30</sup>	<b>Pauza za kafu u holu ispred štandova sponzora / Coffee break</b>

13 <sup>30</sup>	<b>EKOLOŠKI I KLIMATSKI ASPEKTI RADA ELEKTRANA</b> (Predsedavajući: prof. dr. S. Vukasović, dr. Željko Despotović)
13 <sup>30</sup> – 13 <sup>45</sup>	Prof.dr Slobodan Vukosavić - Elektrotehnički fakultet u Beogradu, Srbija <b>“UVEĆANJE EFIKASNOSTI ELEKTROFILTERA U TE "MORAVA" KROZ RETROFIT NISKONAPONSKIH PRETVARAČKIH SEKCIJA I UGRADNJU UREĐAJA ETF-DBS180”</b>
13 <sup>45</sup> – 14 <sup>00</sup>	Prof.dr Slobodan Vukosavić - Elektrotehnički fakultet u Beogradu, Srbija <b>“EKSPLOATACIONA ISPITIVANJA VISOKOFREKVENTNOG POSTROJENJA ZA NAPAJANJE ELEKTROSTATIČKIH FILTERA U TE "MORAVA”</b>
14 <sup>00</sup> – 14 <sup>15</sup>	mr Kemal Bečić dipl.ing., Thermal Power Plant "Kakanj", Kakanj, Bosnia and Herzegovina <b>“EXPERIENCES WITH THE HYBRID FILTER OF THE UNIT 5 IN THE THERMAL POWER PLANT "KAKANJ”</b>
14 <sup>15</sup> – 14 <sup>30</sup>	Milić Erić, Institute of Nuclear Sciences Vinča, Laboratory for Thermal Engineering and Energy , Belgrade, Serbia <b>“REDUCTION OF PARTICULATE MATTER EMISSION AFTER ELECTROSTATIC PRECIPITATORS RECONSTRUCTION AT UNIT A5 OF THE TPP KOLUBARA”</b>
	<b>Pauza za ručak / Lunch break</b>

**ČETVRTAK / THURSDAY 28.10.2010.**

**PREPODNEVNI PROGRAM / MORNING PROGRAM:**

**SALA 1 / ROOM 1**

11 <sup>00</sup>	<b>EKSPLOATACIONI PROBLEMI TERMOELEKTRANA - II</b> (Predsedavajući: Prof. Dr Milan Petrović, Dr. Slobodan Đekić )
11 <sup>00</sup> – 11 <sup>15</sup>	Piotr Czerwiński - ALSTOM POWER “ <b>TURBINE RETROFIT SOLUTIONS</b> ”
11 <sup>15</sup> – 11 <sup>30</sup>	mr.sc. Ivan Škrtić - ALSTOM POWER “ <b>LINIJA ROTORA - PODEŠAVANJE I UTJECAJ NA SIGURAN RAD TURBOAGREGATA</b> ”
11 <sup>30</sup> – 11 <sup>45</sup>	Vladimir Mijakovski, Faculty of Technical Sciences, Bitola, Macedonia “ <b>INFLUENCE OF CLIMATIC CURVE VALUES ON THE OPERATING REGIME OF THE TURBINE AT TPP "BITOLA"</b> ”
11 <sup>45</sup> – 12 <sup>00</sup>	Jelenko Manić - TE "Kolubara" B, Lazarevac, Srbija “ <b>ПОВЕЋАЊЕ ЕФИКАСНОСТИ КОНДЕНЗАЦИОНОГ ПОСТРОЈЕЊА И ПРОДУЖЕЊЕ РАДНОГ ВЕКА ТУРБИНСКИХ КОНДЕНЗАТОРА ЊИХОВИМ ПРАВИЛНИМ ОДРЖАВАЊЕМ И НАДЗОРОМ У ПОГОНУ</b> ”
12 <sup>00</sup> – 12 <sup>15</sup>	Zdravko N. Milovanović, Faculty of Mechanical Engineering, University in Banja Luka “ <b>STEAM TURBINES AND THE POSSIBILITY OF REVITALIZATION</b> ”
12 <sup>15</sup> – 12 <sup>30</sup>	Zdravko N. Milovanović, Faculty of Mechanical Engineering, University in Banja Luka “ <b>IMPLEMENTATION OF TECHNICAL DIAGNOSTICS FOR ASSESSMENT OF STEAM TURBINE</b> ”
12 <sup>30</sup> – 12 <sup>45</sup>	Mihajlo Nikolić, Termoeletrana “Nikola Tesla A” Obrenovac “ <b>ONE SOLUTION FOR SIMULATION OF STEAM TURBINE POWER UPON 210MW</b> ”
12 <sup>45</sup> – 13 <sup>00</sup>	Mihajlo Nikolić, Termoeletrana “Nikola Tesla A” Obrenovac “ <b>NEW DIGITAL CONTROLLER AND PROTECTION SYSTEM FOR STEAM TURBINE</b> ”
13 <sup>00</sup> – 13 <sup>15</sup>	Mirjana S. Laković, Mašinski fakultet u Nišu, Serbia “ <b>ŠIRINA ZONE HLAĐENJA VLAŽNOG RASHLADNOG TORNJA BLOKA A5 110MW TE "KOLUBARA A"</b> ”
13 <sup>15</sup> - 13 <sup>30</sup>	<b>Pausa za kafu u holu ispred štandova sponzora / Coffee break</b>



**ČETVRTAK / THURSDAY 28.10.2010.**

**POPODNEVNI PROGRAM / AFTERNOON PROGRAM:**

**SVEČANA SALA HOTELA ZVEZDA / MAIN CONFERENCE ROOM**

16 <sup>00</sup>	<b>EKSPLOATACIONI PROBLEMI TERMOELEKTRANA - III</b> (Predsedavajući: dr. Dragan Tucaković, dr. Goran Živković)
16 <sup>00</sup> – 16 <sup>15</sup>	Trbojević M. Nebojša - Vattenfall Europe PowerConsult East, Beograd <b>“PROJECTS FINANCED BY INTERNATIONAL FINANCING INSTITUTIONS AND THEIR IMPLEMENTATION IN ACCORDANCE WITH LOCAL LAWS AND REGULATIONS IN REPUBLIC OF SERBIA”</b>
16 <sup>15</sup> – 16 <sup>30</sup>	Sanja Đureković - Energoprojekt-Entel, Belgrade <b>“PRESENCE, KNOWLEDGE AND EXPERIENCE OF OUR EXPERTS ON MIDDLE-EAST ENERGY MARKET”</b>
16 <sup>30</sup> – 16 <sup>45</sup>	dr Dragan Tucaković - Mašinski fakultet, Kraljice Marije 16, 11120 Beograd <b>“ ANALYSIS OF THE RESULTS ACHIEVED BY INSTALLING THE LOUVERS INTO COAL DUST PREPARING FACILITIES FOR STEAM BOILERS IN TP NIKOLA TESLA B”</b>
16 <sup>45</sup> – 17 <sup>00</sup>	Vladimir Stevanović - Mašinski fakultet Univerziteta u Beogradu <b>“TERMOHIDRAULIKA CEVNIH SISTEMA KOTLOVA NA BLOKOVIMA B1 I B2 TERMOELEKTRANE „NIKOLA TESLA B” / THERMALHYDRAULICS OF TUBE SYSTEMS IN STEAM BOILERS AT UNITS B1 AND B2 OF THERMAL POWER PLANT „NIKOLA TESLA B”</b>
17 <sup>00</sup> – 17 <sup>15</sup>	Zoran Stojanović, Thermal Power Plants „Nikola Tesla“ Obrenovac <b>“CONTROL OF COMBUSTION PROCESS IN STEAM BOILERS OF THERMAL POWER PLANT “NIKOLA TESLA B” (2 X 620 MWE)”</b>
17 <sup>15</sup> – 17 <sup>30</sup>	Dejan Radić, Mašinski fakultet Univerziteta u Beogradu <b>“STUDIJA O KARAKTERISTIKAMA MELJIVOSTI UGLJEVA U SRBIJI”</b>
17 <sup>30</sup> – 17 <sup>45</sup>	<b>Pauza za kafu u holu ispred štandova sponzora / Coffee break</b>
17 <sup>45</sup> – 18 <sup>00</sup>	Ilijas Hasanbegović, dipl.ing.maš., Thermal Power Plant "Kakanj", Kakanj, Bosnia and Herzegovina <b>“INFLUENCE OF COAL QUALITY TO AUXILIARY POWER CONSUMPTION OF POWER UNITS IN THE THERMAL POWER PLANT "KAKANJ”</b>
18 <sup>00</sup> – 18 <sup>15</sup>	Vinko Babić - Faculty of Mechanical Engineering, University in Banja Luka <b>“ANALYSES OF CAUSE FOR OPERATING PROBLEMS OF STEAM BOILER OF 300 MW BLOCK IN THERMAL POWER PLANT “GACKO”</b>
18 <sup>15</sup> – 18 <sup>30</sup>	N.Čukalevski, G. Jakupović, S. Cvetičanin - Institute Mihailo Pupin <b>“THE INTEGRATED DATA WAREHOUSE AS A CONTROL AND DECISION MAKING SUPPORT SYSTEM IN THERMAL POWER PLANTS”</b>
18 <sup>30</sup> – 18 <sup>45</sup>	Aleksandar Ribić - Institute Mihajlo Pupin, Beograd <b>“FUNCTIONAL DYNAMIC MODEL OF DRUM TYPE BOILER STEAM PRESSURE AND EXPERIMENTAL VERIFICATION”</b>

18 <sup>45</sup> – 19 <sup>00</sup>	Mihailo Nikolić, PD "Termoelektrane Nikola Tesla", Obrenovac <b>“OPTIMIZATION AND IMPROVEMENT OF UNIT OPERATION AT THE THERMAL POWER PLANT ”NIKOLA TESLA A” BY MEANS OF ON-LINE MONITORING OF UNIT EFFICIENCY (SPECIFIC CONSUMPTION )”</b>
19 <sup>00</sup> – 19 <sup>15</sup>	Goran Živković, Vinča Institute of Nuclear Sciences, Laboratory of Thermal Engineering and Energy <b>“INVESTIGATION OF PERFORMANCE GUARANTEES OF BOILER ECONOMIZERS INSTALLED IN DISTRICT HEATING PLANTS OF PUBLIC UTILITY COMPANY BEOGRADSKE ELEKTRANE”</b>
19 <sup>15</sup> – 19 <sup>30</sup>	Ene BARBU - INC DT COMOTI, Bucharest, ROMANIA <b>“RESEARCH ON A GASEOUS FUEL BURNER FOR AFTERBURNING INSTALLATION”</b>

**ČETVRTAK / THURSDAY 28.10.2010.**

**POPODNEVNI PROGRAM / AFTERNOON PROGRAM:**

**SALA 1 / ROOM 1**

16 <sup>00</sup>	<b>SPREGNUTA PROIZVODNJA ELEKTRIČNE I TOPLOTNE ENERGIJE</b> (Predsedavajući: dr. Slobodan Đekić, dr. Zdravko N. Milovanović )
16 <sup>00</sup> – 16 <sup>15</sup>	Goce Vasilevski - Rudarski Institut Skopje BJR Macedonia <b>“COGENERATION PLANTS KOGEL SEVER AND CHP TE TO EAST”</b>
16 <sup>15</sup> – 16 <sup>30</sup>	Vitomir Kravarušić - TE TO Novi Sad <b>“CHP NOVI SAD ENERGY EFFICIENCY AND ELECTRICITY &amp; HEAT COMBINED PRODUCTION TARIFFICATION”</b>
16 <sup>30</sup> – 16 <sup>45</sup>	Mr Slobodan Stevanović, dipl. inž., Panonske TE-TO d.o.o Novi Sad, ogranak TE-TO „Novi Sad“ <b>“NUMERICAL MODEL OF ENERGY EFFICIENCY HEATING POWER PLANT "NOVI SAD”</b>
16 <sup>45</sup> – 17 <sup>00</sup>	Milan V. Petrović, Laboratory of Thermal Turbomachinery Fac. of Mech. Engineering, University of Belgrade <b>“OPTIMIZATION OF OPERATION OF CHP POWER PLANT NOVI SAD”</b>
17 <sup>00</sup> – 17 <sup>15</sup>	Muammer Alus, University of Belgrade, Faculty of Mechanical Engineering <b>“OPTIMIZATION OF PARAMETERS FOR HEAT RECOVERY STEAM GENERATOR (HRSG) IN COMBINED CYCLE PLANTS”</b>
17 <sup>15</sup> – 17 <sup>30</sup>	<b>Pauza za kafu u holu ispred štandova sponzora / Coffee break</b>

17 <sup>30</sup>	<b>ENERGETSKI RESURSI I ODRŽIVI RAZVOJ - I</b> (Predsedavajući: prof. dr. Miroslav Benišek, dr. Vladimir Stevanović)
17 <sup>30</sup> - 17 <sup>45</sup>	Dr Miroslav Benišek - full professor, Faculty of Mechanical Engineering Belgrade, <b>“HYDRAULIC AND POWER PERFORMANCE TESTS OF KAPLAN TURBINES IN HPP OVČAR BANJA”</b>
17 <sup>45</sup> – 18 <sup>00</sup>	Slobodan Milić, Dejan Mandić - ENERGOPROJEKT-ENDEL, Beograd <b>“ANALIZE DELIMIČNOG PRAŽNENJA I PUNJENJA AKUMULACIJE HE BAJINA BAŠTA U CILJU REALIZACIJE RADOVA NA ULAZNIM ZATVARAČIMA AGREGATA H1 I H2”</b>
18 <sup>00</sup> – 18 <sup>15</sup>	Vladimir Stevanovic, Faculty of Mechanical Engineering, University of Belgrade <b>“HYDROENERGETSKI POTENCIJAL RASHLADNE VODE NA TERMoeLEKTRANI / HYDRO ENERGY POTENTIAL OF COOLING WATER AT THE THERMAL POWER PLANT”</b>
18 <sup>15</sup> – 18 <sup>30</sup>	Dane Džepčeski, Electrical Engineering Institute Nikola Tesla, Belgrade <b>“NOVEL DIGITAL GOVERNOR FOR HYDRAULIC TURBINE”</b>
18 <sup>30</sup> – 18 <sup>45</sup>	Saša Milić - Elektrotehnički institut Nikola Tesla, Beograd <b>“ON-LINE REMOTE MONITORING OF GENERATORS AND TRANSFORMERS IN ENERGY POWER SYSTEMS”</b>
18 <sup>45</sup> – 19 <sup>00</sup>	Zdravko Ivancic - NUMIKON Ltd, <b>“OPTIMIZATION OF HYDROGENERATOR POLES FIXATION”</b>
19 <sup>00</sup> – 19 <sup>15</sup>	Dragan V. Kalaba, Gordana Milentijević - Faculty of technical sciences Kosovska Mitrovica, Knjaza Miloša 7, Kosovska Mitrovica, Serbia <b>“WATER RESOURCES AND DEVELOPMENT OF ENERGETICS IN NORTHERN KOSOVO AND NORTHERN METOHIJA”</b>

## POSTER PREZENTACIJE / POSTER SESSION (16<sup>00</sup> – 18<sup>00</sup>)

P1. Vujo I. Miljevic, Vinca Institute of Nuclear Sciences, Atomic Physics Laboratory, P.O. Box 522, 11000 Belgrade, Republic of Serbia

**SIMULTANEOUS REMOVAL OF SULPHUR DIOXIDE (SO<sub>2</sub>) AND NITROGEN OXIDES (NO<sub>x</sub>) FROM FLUE GASES BY A SPECIAL TYPE OF CORONA BRUSH DISCHARGE WITH THE THREE PHASE TESLA COIL**

P2. Александар Савић, ЕТШ Раде Кончар

**ОБРАЗОВАЊЕ, ОБНОВЉИВИ ИЗВОРИ ЕНЕРГИЈЕ И ОДРЖИВИ РАЗВОЈ**

P3. A. Stojanović, B. Repić, S. Nemoda, D. Dakić, A. Erić, D. Đurović, Institute of Nuclear Sciences Vinca, P. O. Box 522 11 001 Belgrade, Serbia

**ESTIMATING THE CHAR CONVERSION EFFICIENCY IN AGRICULTURAL BALED BIOMASS COMBUSTION ZONE**

P4. Šefik Bajmak, University of Priština, Kosovska Mitrovica, Serbia

**МОГУЋНОСТИ КОРИШЋЕЊА ЕНЕРГЕТСКОГ ПОТЕНЦИЈАЛА ВЕТРА И РЕЧНИХ ТОКОВА У СНАБДЕВАЊУ ЕЛЕКТРИЧНОМ ЕНЕРГИЈОМ ШАРПЛАНИНСКИХ ЖУПА (СИРИНИЧКА, СРЕДАЧКА И ГОРАНСКА)**

P5. Šefik Bajmak, University of Priština, Kosovska Mitrovica, Serbia

**OSNOVNE SPECIFIČNOSTI POJEDINIХ DELOVA POSTROJENJA ZA SPALJIVANJE TKO SA ISKORIŠĆENJEM TOPLOTE DIMNIХ GASOVA**

P6. Mirjana S. Laković, Slobodan V. Laković, Mladen Stojiljković, Dejan Mitrović, Faculty of Mechanical Engineering Nis

**ENERGY EFFICIENCY ANNUAL CHANGE FOR THE STEAM BLOCK WITH CLOSED-CYCLE COOLING SYSTEM**

P7. Prof. dr Radule Tošović, Katedra ekonomske geologije, Rudarsko-geološki fakultet, Univerzitet u Beogradu

**KVALITATIVNI I KVANTITATIVNI ASPEKTI EKONOMSKE OCENE ENERGETSKIХ MINERALNIХ SIROVINA**

P8. Leila Borghei, Consultant Engineers, Monenco, Iran

Ramin Haghighi Khoshkhoo, Assistant professor, Power and Water University of technology (PWUT), Tehran, Iran

**WIND EFFECTS ON AIR-COOLED CONDENSER PERFORMANCE**

P9. Ramin Haghighi Khoshkhoo, Assistant professor, Power and Water University of technology (PWUT), Tehran, Iran

Mohammad Tanassan, Consulting Engineers Co, Monenco, Iran

**FEED-WATER REPOWERING IN BESAT POWER PLANT: TECHNICAL AND COSTING ASPECTS**

P10. Vukman Bakić, Valentina Turanjanin, Marina Jovanović, Milada Pezo, Branislav Stanković, Institute of Nuclear Science "Vinca", Laboratory for Thermal and Energy Research, P.O.Box 522, 11000 Belgrade, Serbia

**OPPORTUNITY AND JUSTIFICATION OF USE FOSSIL FUELS SUBSTITUTION BY SOLAR ENERGY IN PRODUCTION OF SANITARY HOT WATER**

P11. Prof.dr .Šefik M. Bajmak, Technical University of Pristina, Serbia

**DETERMINING THE OPTIMAL TEMPERATURE DIFFERENCE IN COLD WATER COOLING SYSTEM USING REMOTE ABSORBCIONE COOLING MACHINES**

P12. Morteza Raei Dehaghi, Ph.D., Professor, Department Of Industrial Management, Islamic Azad University, Mobarakeh Branch, Iran

Ehsan Raei Dehaghi, Researcher at Isfahan University of Technology, Iran

**NUCLEAR ENERGY AND ITS ENVIRONMENTAL**

P13. M. Jovanović, B. Vučićević, V. Turanjanin, Vuk Spasojević, Vinča Institute of Nuclear Sciences, Laboratory for Thermal Energy and Engineering, University of Belgrade, Serbia

## **DETERMINATION OF ENERGY INDICATORS IN THE HOUSEHOLD SECTOR WITH AIM TO SUSTAINABLE DEVELOPMENT OF URBAN AREAS**

P14. Marija Živković, Laboratory for Thermal Engineering and Energy, Institute of Nuclear Sciences – Vinča, University of Belgrade

### **ORGANSKO-GEOHEMIJSKE KARAKTERISTIKE TEČNIH PROIZVODA PIROLIZE I MOGUĆNOSTI DOBIJANJA PRIRODNOG GASA U VALJEVSKO-MIONIČKOM BASENU**

P15. Jürgen Willmann, Steinmueller Instandsetzung Kraftwerke GmbH, Landsberger Allee 117a, D 10407 Berlin, Germany

### **LIFE TIME OF COMPONENT PARTS SUBJECT TO HIGH STRESS IN STEAM GENERATORS**

P16. Dr.-ing Frank Schierack, Steinmueller Instandsetzung Kraftwerke GmbH, Landsberger Allee 117a, D 10407 Berlin, Germany

### **RETROFIT OF EXISTING COAL FIRED POWER PLANTS TO LOW NO<sub>x</sub> OPERATION**

P17. S. Nemoda, P. Radovanović, P. Škobalj, D. Cvetinović, M. Erić, G. Živković, Vinča Institute of Nuclear Sciences, Laboratory for Thermal Energy and Engineering, University of Belgrade, Serbia

### **CALCULATION OF THE COAL POWDER DISTRIBUTION IN BURNER'S CHANNELS WITH LOUVERS AND RELATED THEORETICAL COMBUSTION TEMPERATURES ON TANT BOILERS**

P18. Miroslav Ćirković, Nikolina Milošević, Mirjana Stojšić, Faculty of agriculture, Trg Dositeja Obradovića 8, 21000 Novi Sad, Serbia

Miloš Bajić, Thermal Power Plants Nikola Tesla, Bogoljuba Uroševića-Crnog, Obrenovac, Serbia

Maja Marković, Faculty veterinary medicine, Bulevar Oslobođenja 18, 11 000 Beograd, Serbia

### **THE USE OF WARM WATER WHICH RESULTS BY COOLING OF THERMAL POWER PLANT NIKOLA TESLA IN OBRENOVCU FOR WARM WATER FISH SPECIES REARING**

P19. O. Ećim-Đurić, University of Belgrade, Faculty of Agriculture, Nemanjina 6, 11080 Belgrade

M. Kavgić, „Partner Inženjering“, Belgrade, Ilije Garašanina 26 – 28, 11000 Belgrade

V. Turanjanin, B. Vučićević, Ž. Ž. Stevanović, M. Jovanović, Institute of Nuclear Sciences VINČA, Laboratory for Thermal Engineering and Energy, University of Belgrade, PO Box 522, 11001 Belgrade

### **REPRESENTATIVE SAMPLE OBJECTS**

P20. V. Turanjanin, B. Vučićević, M. Jovanović, V. Spasojević, Institute of Nuclear Sciences VINČA, Laboratory for Thermal Engineering and Energy, University of Belgrade, PO Box 522, 11001 Belgrade

O. Ećim-Đurić, University of Belgrade, Faculty of Agriculture, Nemanjina 6, 11080 Belgrade

M. Kavgić, „Partner Inženjering“, Belgrade, Ilije Garašanina 26 – 28, 11000 Belgrade

### **ENERGY CONSUMPTION IN BELGRADE HOUSEHOLDS SECTOR PART 2: POSSIBILITY OF ENERGY EFFICIENCY INCREASING**

P21. V. Spasojević, V. Turanjanin, D. Đurović, B. Vučićević, M. Jovanović, Institute of Nuclear Sciences VINČA, Laboratory for Thermal Engineering and Energy, University of Belgrade, PO Box 522, 11001 Belgrade

M. Kavgić, „Partner Inženjering“, Belgrade, Ilije Garašanina 26 – 28, 11000 Belgrade

### **ESTIMATE OF RESIDENTIAL ENERGY CONSUMPTION IN BELGRADE**

P22. P. Škobalj, P. Stefanović, D. Cvetinović, P. Radovanović, M. Stakić, M. Erić, Z. Marković, Institute of Nuclear Sciences VINČA, Laboratory for Thermal Engineering and Energy University of Belgrade, PO Box 522, 11001 Belgrade, Serbia

### **TECHNO-ECONOMICAL AND ENVIRONMENTAL ASPECTS OF USING DRIED COAL AS A FUEL AT THE EP „EPS“ THERMAL POWER PLANTS**

**PETAK / FRIDAY 29.10.2010.**

**PREPODNEVNI PROGRAM / MORNING PROGRAM:**

**SVEČANA SALA HOTELA ZVEZDA / MAIN CONFERENCE ROOM**

9 <sup>00</sup>	<b>ENERGETSKI RESURSI I ODRŽIVI RAZVOJ - II</b> (Predsedavajući: prof. dr. Žarko Stevanović, dr. Miodrag Zlatanović)
9 <sup>00</sup> – 9 <sup>15</sup>	Nenad Miloradovic - JKP "Beogradske elektrane", Beograd, Srbija <b>“SETTING UP OF MOBILE WIND-SOLAR HYBRID SYSTEM AT LOCATION HEATING PLANT CERAK”</b>
9 <sup>15</sup> – 9 <sup>30</sup>	Slobodan Ogrizović dipl.el.ing - JKP „Beogradske elektrane“, Beograd, Srbija <b>“PRIMARY ENERGY FACTOR AS A PERFECT WAY TO REPRESENT ENERGY EFFICIENCY”</b>
9 <sup>30</sup> – 9 <sup>45</sup>	dr Jovan Janjić, dipl. maš. inž. - Department for Strategy and Investment, Public Enterprise "Electric power industry of Serbia" <b>“POSSIBILITY OF ELECTRICITY GENERATION FROM BLAST FURNACE GAS PRESSURE AT IRON INDUSTRY SMEDEREVO (USS SERBIA)”</b>
9 <sup>45</sup> – 10 <sup>00</sup>	Šefik Bajmak - University of Priština, Kosovska Mitrovica <b>“OSNOVNA PITANJA, PRILAZ, POČETNI PODACI PRI PROJEKTOVANJU SPALIONE TVRDOG KOMUNALNOG OTPADA I PREGLED RAZLIČITIH SISTEMA ZA SAGOREVANJE ISTOG”</b>
10 <sup>00</sup> – 10 <sup>15</sup>	Prof. dr Radule Tošović - Katedra ekonomske geologije, Rudarsko-geološki fakultet, Univerzitet u Beogradu <b>“ZNAČAJ STRATEGIJSKOG MENADŽMENTA U POSLOVNIM SISTEMIMA DALJINSKOG GREJANJA”</b>
10 <sup>15</sup> – 10 <sup>30</sup>	Prof. dr Milan Radunović - Fakultet za primenjenu ekologiju Futura, Belgrade <b>“ATTRACTING INVESTMENTS IN THE ENERGY SECTOR WHILE PROTECTING STATE INTERESTS”</b>
10 <sup>30</sup> – 10 <sup>45</sup>	Žarko Stevanović - Laboratory for Thermal Engineering and Energy, Institute of Nuclear Sciences – Vinča <b>“UNCERTAINTY ANALYSES OF WIND POWER PREDICTION BY LINEAR MODEL AND CFD TECHNIQUES”</b>
10 <sup>45</sup> – 11 <sup>00</sup>	Predrag M. Živković, Mašinski fakultet u Nišu <b>“AIR POLLUTION ESTIMATION ON THE CITY OF NIŠ TERRITORY”</b>
11 <sup>00</sup> – 11 <sup>15</sup>	Gradimir Danon - University of Belgrade, Faculty of Forestry <b>“THE POSSIBILITY OF COMBINED PRODUCTION OF HEATING AND ELECTRIC ENERGY BY BURNING WOODEN RESIDUES”</b>
11 <sup>15</sup> – 11 <sup>30</sup>	Miodrag Zlatanovic - Faculty of Electrical Engineering, Belgrade University <b>“SURFACE TREATMENT OF MATERIALS INTENDED FOR WIND TURBINES APPLICATIONS”</b>
11 <sup>30</sup> - 11 <sup>45</sup>	Miodrag Zlatanovic - Faculty of Electrical Engineering, Belgrade University <b>“SOME CHARACTERISTICS OF EIA PROCEDURE FOR WINDPARKS IN SOUTH BANAT ”</b>

**PETAK / FRIDAY 29.10.2010.**

**PREPODNEVNI PROGRAM / MORNING PROGRAM:**

**SALA 1 / ROOM 1**

9 <sup>00</sup>	<b>ISTRAŽIVANJE I MODELIRANJE PROCESA</b> (Predsedavajući: dr Miodrag Sijerčić, prof. dr. Risto Filkoski)
9 <sup>00</sup> – 9 <sup>15</sup>	N. Đ. Crnomarković, Institut za nuklearne nauke Vinča, Univerzitet u Beogradu Laboratorija za termotehniku i energetiku <b>“INFLUENCE OF THE RADIATION MODELS ON RESULTS OF NUMERICAL SIMULATIONS OF PULVERIZED COAL FURNACES”</b>
9 <sup>15</sup> – 9 <sup>30</sup>	Branislav Stanković, Institute of Nuclear Sciences “Vinča”, University of Belgrade, Laboratory for Thermal Engineering and Energy <b>“MODELING AND ANALYSIS OF NOX FORMATION AND DESTRUCTION IN A PULVERIZED COAL-FIRED UTILITY BOILER FURNACE”</b>
9 <sup>30</sup> – 9 <sup>45</sup>	Milan B. Banjac, University of Belgrade – Faculty of Mechanical Engineering <b>“PRORAČUN STRUJANJA I KARAKTERISTIKA AKSIJALNIH TURBOKOMPRESORA I VENTILATORA ”</b>
9 <sup>45</sup> – 10 <sup>00</sup>	Branko Govedarica - Rudnik i Termoelektrana Gacko <b>“CAD U TERMOENERGETSKOM POSTROJENJU”</b>
10 <sup>00</sup> – 10 <sup>15</sup>	Dejan Mitrović - Mašinski fakultet Niš <b>“EXERGY ANALYSIS OF A POWER PLANT COMPONENTS”</b>
10 <sup>15</sup> – 10 <sup>30</sup>	Dejan Djurovic - Institut Vinca, Laboratorija za termotehniku i energetiku <b>“ANALIZA PROCESA DOGOREVANJA GASOVA U LOŽIŠTIMA ZA SAGOREVANJE POLJOPRIVREDNE BIOMASE”</b>
10 <sup>30</sup> – 10 <sup>45</sup>	<b>Pausa za kafu u holu ispred štandova sponzora / Coffee break</b>
10 <sup>45</sup> – 11 <sup>00</sup>	L. Joleska Bureska, REK “Bitola”, Republic of Macedonia, R. V. Filkoski, I. J. Petrovski, Univ. “Ss Cyril and Methodius”, Faculty of Mechanical Eng., Skopje, R. Macedonia <b>“ADVANCED NUMERICAL METHODS FOR INVESTIGATION OF ENERGY CONVERSION PROCESSES”</b>
11 <sup>00</sup> – 11 <sup>15</sup>	Milica Mladenović, Institute of Nuclear Sciences “Vinča”, Laboratory for Thermal Engineering and Energy <b>“FLUIDIZED BED COMBUSTION OF LOW GRADE FRACTIONS OF LUBNICA COAL”</b>
11 <sup>15</sup> – 11 <sup>30</sup>	Greg Toomey, Senior Consultant - Energy, SKF Condition Monitoring Center (San Diego), USA <b>“MAINTENANCE STRATEGY CONTINUOUS IMPROVEMENT VITAL TO YOUR LONG TERM SUCCESS”</b>
11 <sup>30</sup> – 11 <sup>45</sup>	Zdravko Ivancic - NUMIKON Ltd. <b>“INNOVATIVE PIPING SYSTEM DESIGN SOLUTION FOR DISTRIBUTION OF STEAM FROM STEAM TURBINE TO AIR COOLED CONDENSER SYSTEM – ACC”</b>

11 <sup>45</sup> – 12 <sup>00</sup>	Misa Jovic - PIPETECH Jovic <b>“EVALUATION OF PRESSURE AND THERMAL STRESSES IN DISSIMILAR WELDS PIPE SPOOL RELATED TO OTC FAILURE ANALYSIS AND DESIGN ANALYSIS OF NEW SOLUTION”</b>
-------------------------------------	--

12 <sup>00</sup>	Zatvaranje / Closing ceremony
------------------	-------------------------------