



INTERNATIONAL CONFERENCE ON DISTRICT ENERGY 2011
PORTOROŽ, 20–22 MARCH 2011



(Invitation and programme)

**INTERNATIONAL CONFERENCE
ON DISTRICT ENERGY 2011**

PORTOROŽ, 20–22 MARCH 2011

PROGRAMME

SUNDAY
20th March

- 15.00 - 19.00 **Registration**
18.00 - 19.00 **SDDE general assembly**
19.00 - 21.00 **Welcome party**

MONDAY
21st March

- 9.00 - 10.00 **Registration**
10.00 - 10.30 **Opening of the International Conference on district energy 2011**
Blaž Košorok, President of the organising committee
Professor Alojz Poredoš, D. Sc, President of the SDDE
Alberto Pototschnig, ACER – to be confirmed
Franc Žlahtič, D. Sc, Ministry of The Economy – to be confirmed
Professor Iztok Golobič, D. Sc, President of the Slovenian Association of Mechanical Engineers and Technicians
- 10.30 - 12.00 **Plenary lectures**
- > **STRATEGIC ROLE OF COGENERATION AT THE TRANSITION TO LOW CARBON SOCIETY**
Stane Merše, JOŽEF STEFAN INSTITUTE, ENERGY EFFICIENCY CENTRE
 - > **EUROPEAN POLICIES AND DISTRICT HEATING AND COOLING - WHAT TO EXPECT FROM BRUSSELS**
Johannes Jungbauer; EUROHEAT & POWER
 - > **PERSPECTIVES OF WASTE TO ENERGY APPLICATIONS IN DISTRICT HEATING SYSTEMS**
prof. dr. Niko Samec; UNIVERSITY OF MARIBOR, FACULTY OF MECHANICAL ENGINEERING
dr. Marko Notar; TERMOELEKTRARNA TOPLARNA LJUBLJANA, d.o.o.
- 12.30 - 14.00 **Lunch**
14.00 - 16.00 **CONVENTION HALL EMERALD – Presentations on the theme: DISTRICT HEATING**
- > **EXPERIENCES ON LOW-TEMPERATURE DISTRICT HEATING IN LYSTRUP – DENMARK**
Jan Eric Thorsen; DANFOSS DISTRICT HEATING
Christian Holm Christiansen; EKNOLOGISK INSTITUT
Marek Brand; DTU-BYG
Peter Kaarup Olesen; COWI
Christian Ting Larsen; LOGSTOR

Exhibition of energy equipment will be opened at all times during the conference.

PROGRAMME



MONDAY
21st March

PROGRAMME

- > **MODERNIZATION AND DEVELOPMENT OF COMMUNITY HEATING SYSTEM IN ČAČAK, SERBIA**
Snežana Dragičević; UNIVERSITY OF KRAGUJEVAC, TECHNICAL FACULTY ČAČAK
Petar Domanović, Nenad Ocokoljić; JKP ČAČAK
 - > **EVALUATION OF HEAT LOSSES FROM HEAT PIPES IN CHANNELS**
Matjaž Perpar, Zlatko Rek, Jurij Gregorc, Iztok Žun; UNIVERSITY OF LJUBLJANA, FACULTY OF MECHANICAL ENGINEERING
Suvad Bajrić, Bojan Zajšek; ENERGETIKA LJUBLJANA, d.o.o.
 - > **GUARANTEED HEAT LOSS REDUCTIONS IN THE DISTRICT HEATING SYSTEM OF PLANINA**
Aleš Petrovčič, Blaženka Pospiš Perpar, Jože Torkar; ELTEC MULEJ, d.o.o.
Andrej Krč; Domplan, d.d.
 - > **A REVIEW AND COMPARISON OF METHODS FOR HEAT-LOSS MEASUREMENT IN DISTRICT HEATING SYSTEMS**
Andrej Ljubenko, Alojz Poredoš; UNIVERSITY OF LJUBLJANA, FACULTY OF MECHANICAL ENGINEERING
Miran Zager; KOMUNALNO PODJETJE VELENJE, d.o.o.
 - > **Presentation of section's sponsor**
CONVENTION HALL MEDITERANEA – Presentations on the theme: USE OF GAS, ENERGY EFFICIENCY AND INFORMATION TOOLS IN THE ENERGY INDUSTRY
 - > **RENOVATION OF THE MEASURES TO SAFEGUARD SECURITY OF GAS SUPPLY**
Aleš Osrainik; ENERGY AGENCY OF THE REPUBLIC OF SLOVENIA
 - > **NATURAL GAS IN TRAFFIC**
Miran Rožman; ENERGETIKA MARIBOR, d.o.o.
Martin Pavlovčič; ENOS LNG, d.o.o.
 - > **PROZIS SYSTEM - INFORMATION PLATFORM AT PRODUCTION LEVEL IN JP ENERGETIKA LJUBLJANA**
Suvad Bajrić, Mojmir Debeljak, Gregor Škrlj; ENERGETIKA LJUBLJANA, d.o.o.
Silvester Ržen, Aleš Skušek; METRONIK, d.o.o.
 - > **TECHNICAL, TECHNOLOGICAL AND ECONOMIC EFFECTS OF RECONSTRUCTION OF CENTRAL POWER STATION (70 MW) IN MUNICIPALITY VELENJE**
Miran Zager, Ervin Miklavžina; KOMUNALNO PODJETJE VELENJE, d.o.o.
 - > **Presentation of section's sponsor**
- 16.00 - 17.00 **Break and a chance to visit energy equipment exhibition**
- 17.00 - 18.30 **CONVENTION HALL EMERALD – Roundtable: ENERGY PRODUCTS AND SENSITIVITY**, moderators: Alenka Žumbar Klopčič; Energetika.NET
Blaž Košorok; TERMOELEKTRARNA TOPLARNA LJUBLJANA, d.o.o.
- 18.30- 20.00 **Break and a chance to visit energy equipment exhibition**
- 20.00 - 24.00 **Gala dinner**

9.00 - 11.00 **CONVENTION HALL EMERALD — Presentations on the theme:
RENEWABLE ENERGY SOURCES IN ENERGY SYSTEMS AND ENERGY EFFICIENCY**

> MODERNIZATION OF THE HEATING PLANT HRASTNIK

Matej Haberl, Miran Fužir; PETROL ENERGETIKA, d.o.o.

**> POSSIBILITY OF USING BIOMASS AS PRIMARY FUEL IN JKP „NOVOSADSKA TOPLANA“
HEATING PLANT PETROVARADIN**

Goran Trajanovski, Aleksandra Lukić; JKP NOVOSADSKA TOPLANA

> CONSTRUCTION OF A BIOMASS DISTRICT HEATING SYSTEM IN RIBNICA

Zoran Gračner, Igor Jogan; PETROL, d.d.

> MANAGEMENT OF A BIOMASS DISTRICT HEATING SYSTEM IN RIBNICA

Bojan Likar; KOLEKTOR SINABIT, d.o.o.

Andrej Kokalj; GIA-S, d.o.o.

Igor Jogan, Janez Štaudohar, Zoran Gračner; PETROL, d.d.

**> EFFECTS OF WOOD CHIPS CO-FIRING ON OPERATION OF BOILER 3 POWER PLANT
LJUBLJANA**

Igor Kuštrin, Janez Oman; UNIVERSITY OF LJUBLJANA, FACULTY OF MECHANICAL ENGINEERING
Igor Bole, Primož Gostinčar; TERMOELEKTRARNA TOPLARNA LJUBLJANA, d.o.o.

> Presentation of section's sponsor

**CONVENTION HALL MEDITERANEA — Presentations on the theme:
REGULATION, MANAGEMENT AND ENERGY EFFICIENCY**

**> ENERGY EFFICIENCY IMPROVEMENT OF RESIDENTIAL BUILDINGS IN BELGRADE
CONNECTED TO THE DISTRICT HEATING SYSTEM**

Maja Todorović; UNIVERSITY OF BELGRADE, FACULTY OF MECHANICAL ENGINEERING

Petar Vasiljević; JKP BEOGRADSKE ELEKTRANE

**> APPLICATION OF THE TERMIS PROGRAM PACKAGE IN THE DISTRICT HEATING SYSTEM IN
THE CITY OF KRAGUJEVAC AND INTRODUCING THE SCADA SYSTEM IN SUBSTATIONS**

Srdan Đokić, Siniša Stević; ENERGETIKA, d.o.o.

Petar Vasiljević; JKP BEOGRADSKE ELEKTRANE

> OPTIMIZATION OF ZAGREB DISTRICT HEATING SYSTEM

Hrvoje Glamuzina; HEP ESCO, d.o.o.

Robert Vuk, Jurica Brnas; HEP TOPLINARSTVO, d.o.o.

**> RESULTS OF APPLICATION OF THE CONCEPT OF TECHNO-ECONOMIC OPTIMIZATION OF
DISTRICT HEATING SYSTEM ON THE EXAMPLE OF GENERATION PLANT “KONJARNIK“ AS A
PART OF THE SYSTEM JKP “BEOGRADSKE ELEKTRANE”**

Vladimir Tanasić, Ljubiša Vladić, Maja Nikolić, Petar Vasiljević, Bojan Bogdanović; JKP BEOGRADSKE
ELEKTRANE

TUESDAY
22nd March

> PERSPECTIVES OF SUPERVISORY AND CONTROL SYSTEM IN GENERATION PLANT “NOVI BEOGRAD” IN ORDER TO MAINTAIN RELIABLE DELIVERY OF HEATING ENERGY

Tatjana Nušić, Dalibor Minić, Petar Vasiljević; JKP BEOGRADSKE ELEKTRANE

> Presentation of section's sponsor

11.00 - 11.30 **Break and a chance to visit energy equipment exhibition**

11.30 - 13.30 **CONVENTION HALL EMERALD – Presentations on the theme:
WATER PREPARATION, MANAGEMENT AND ENERGY EFFICIENCY**

> OPTIMIZATION OF THE DOMESTIC WARM WATER HEAT SUBSTATION

Primož Matičič, Aleš Cjuha; ENERGETIKA LJUBLJANA, d.o.o.

> COOLING AND CHILLED WATER CHEMISTRY IN DISTRICT COOLING SYSTEM

Meta Vedenik Novak; TERMoeLEKTRARNA TOPLARNA LJUBLJANA, d.o.o.

> REVIEW OF A METHODOLOGY FOR DETERMINATION OF ENERGY LOSS IN CIVIL CONSTRUCTION BUILDINGS

Dragoslav Šumarac; UNIVERSITY OF BELGRADE, FACULTY OF CIVIL ENGINEERING

Toša Ninkov; UNIVERSITY OF NOVI SAD, FACULTY OF TECHNICAL SCIENCES

Maja Todorović; UNIVERSITY OF BELGRADE, FACULTY OF MECHANICAL ENGINEERING

> MONITORING OF ENERGY INDICATORS OF OWN ENERGY CONSUMPTION IN POWER PRODUCTION - CASE TERMoeLEKTRARNA TOPLARNA LJUBLJANA

Tomaž Fatur; SOLVERA LYNX, d.d.

> Presentation of section's sponsor

13.30 **Closing ceremony**

PROGRAMME

MEDIA SPONSOR



Energetika.NET

ORGANISATION OF THE CONFERENCE

The organiser of the conference is the Slovenian District Energy Association (SDDE), which functions under the auspices of the Slovenian Mechanical Engineers Association (ZSIS).

ORGANISING COMMITTEE

PRESIDENT

Blaž Košorok, Termoelektrarna Toplarna Ljubljana, d.o.o.

VICE-PRESIDENT

Primož Škerl, Termoelektrarna Toplarna Ljubljana, d.o.o.

MEMBERS

Zdravko Bedenčič, Ministry of The Economy, IRSEM

Boštjan Bibič, Energetika Ljubljana, d.o.o.

Igor Bole, Termoelektrarna Toplarna Ljubljana, d.o.o.

Mitja Dolinšek, Energetika Maribor, d.o.o.

Miran Fužir, Petrol Energetika, d.o.o.

Ivo Jurak, Energetika Celje JP, d.o.o.

Bogomir Kačič, Javno podjetje Komunala Slovenj Gradec, d.o.o.

Matjaž Kovačič, Energetika.NET

Andrej Krč, Domplan, d.d., Kranj

Doris Kukovičič Lakič, Termoelektrarna Toplarna Ljubljana, d.o.o.

Janez Lavrenčič, Inženiring Janez Lavrenčič, s.p.

Ervin Miklavžina, KP Velenje, d.o.o., PE Energetika

Drago Potočnik, Komunala, d.o.o., Murska Sobota

Jože Torkar, ELTEC Mulej, d.o.o., Bled

EXPERT COMMITTEE

PRESIDENT

Alojz Poredoš, Slovenia

MEMBERS

Zdravko Bedenčič, Slovenia

Igor Bole, Slovenia

Lars Gullev, Denmark

Johannes Jungbauer, Austria

Dejan Koletnik, Slovenia

Jože Torkar, Slovenia

Petar Vasiljević, Serbia

REGISTRATION FEE

Registration fee for participants:

> SDDE Members:	€ 380.00 / 316.67 *
> SDDE Non-members:	€ 430.00 / 358.33 *
> lecturers:	€ 290.00 / 241.67 *
> accompanying persons * *:	€ 200.00 / 166.67 *

* Price without VAT for companies liable for VAT from EU countries.

** It includes participation at the opening, lunch and gala dinner.

REGISTRATION FEE INCLUDES:

- > participation at the conference,
 - > proceedings of the conference,
 - > lunch, light snacks during the breaks and gala dinner.
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Note: Accommodation is not included in registration fee.

Registration is possible with the enclosed form or the form available at the website www.sdde.si.

Next to Slovenian, the official language of the conference will be English as well. Simultaneous translation will enable ideas to travel fluently from one language to another both days of the conference.