



**INŽENJERSKA KOMORA CRNE GORE**  
**ENGINEERS CHAMBER OF MONTENEGRO**  
**STRUKOVNA KOMORA MAŠINSKIH INŽENJERA**



**3. Međunarodni stručni skup iz oblasti klimatizacije, grijanja i hlađenja  
Crna Gora, Podgorica, Hotel "Ramada", 13-14. septembar 2018. godine**

**3. International HVAC/R Conference Montenegro, Podgorica, Hotel "Ramada", 13-14.  
septembar 2018. godine**

**energija+**

**GENERALNI POKROVITELJ**

**SAMSUNG**

**Program rada Stručnog skupa (Conference Agenda):**

<b>četvrtak. 13.09.2018. godine (Thursday 13.09.2018.)</b>	
-14:15	Okupljanje učesnika i registracija (Gathering of participants and registration)
14:15-14:30	<i>Pozdravna riječ Organizatora i gostiju (Welcoming words of organizer and guests)</i>
	<b>Tematska cjelina I</b> (Thematic unit): <b>Energetika i pogled u budućnost</b> ( <i>Energy and view in the future</i> )
14:30-14:50	<b>Energija i svijet u kome živimo</b> – <i>Energy and our world</i> – Prof dr. Nenad Kažić, Mašinski fakultet u Podgorici, Crna Gora;
14:50-15:10	<i>Sledeća generacija energetske modernizacije</i> – <i>The next generation of energy modernization</i> , Bojan Grujički, Viessmann d.o.o. Beograd;
15:10-15:30	<b>Inovativne tehnologije klimatizacije koja živi sa vama</b> – <i>Innovative air conditioning technology that lives with you</i> , Ivan Jurković, Samsung Electronics Adriatic;
15:30-15:50	<b>Kafe pauza (Coffee break)</b>
	<b>Tematska cjelina II</b> (Thematic unit): <b>Ventilacija i odimljavanje podzemnih garaža</b> ( <i>Ventilation and smoke exhaust for underground car parks</i> )
15:50-16:10	<b>Numeričko modeliranje svakodnevne ventilacije i mehaničkog odimljavanja podzemnih garaža</b> – <i>Numerical modeling of daily ventilation and smoke exhaust for underground car parks</i> , Željko Špiljar, INVENTO PRO – Zagreb, Republika Hrvatska;
16:10-16:30	<b>CPV (car park ventilation): examples from practice; Ventilacija garaža: primjeri iz prakse</b> , Predavač: Reiner Kelch, Head of CPV department at Systemair, Germany;
	<b>Tematska cjelina III</b> (Thematic unit): <b>Zaštita od prekomjernog pritiska i odvođenje dima u visokim objektima, izolacija i obnovljivi izvori energije</b> ( <i>Overpressure protection in very tall buildings and Smoke removal systems, insulation and renewable energy sources</i> )
16:30-16:50	<b>Overpressure protection of stairwells in very tall buildings. International design standards and assessment criteria (SAFETY WAY®)</b> - <i>Zaštita od prekomjernog pritiska u stepeništima vrlo visokih zgrada. Međunarodni standardi projektovanja i kriterijumi ocjenjivanja sistema (SAFETY WAY®)</i> - Grzegorz Sypek, Key Projects Manager, SMAY – Poland;
-14:15	Okupljanje učesnika i registracija (Gathering of participants and registration)
16:50-17:10	<b>Kafe pauza (Coffee break)</b>
17:10-17:30	<b>Priprema grejnog i rashladnog energenta putem geotermalne energije</b> , <i>Preparation of heating and cooling energy by geothermal energy</i> , Danijel Muršič, Menerga d.o.o., Zagrebska cesta 102, 2000 Maribor, Slovenija, <a href="http://www.menerga.si">www.menerga.si</a> , <a href="mailto:daniyel.mursic@menerga.si">daniyel.mursic@menerga.si</a> ;
17:30-17:50	<b>A new generation of thermal and fire insulation</b> - <i>Nove generacije termičke i protivpožarne izolacije</i> , Jan Konopásek, L'ISOLANTE K-FLEX;

17:50-18:10	Povrat energije u proizvodnim pogonima tvrtke "ELEKTRO-KONTAKT" – godinu dana poslije (rezultati), <i>Heat recovery in manufacturing plant of Company "ELEKTRO KONTAKT" – year after (results)</i> Mr.sc. Tomislav Stašić, dipl.ing.stroj., HEP - ESCO d.o.o., Ulica grada Vukovara 37, 10000 Zagreb, +385 099 6331268, <a href="mailto:tomislav.stasic@hep.hr">tomislav.stasic@hep.hr</a> , Tihomir Rengel, dipl.ing.stroj., DHT projekt d.o.o., Trg Senjskih uskoka 1, 10000 Zagreb, +385 098 472570, <a href="mailto:tihomir.rengel@dhtprojekt.hr">tihomir.rengel@dhtprojekt.hr</a> ,
18:10-18:30	Certified smoke removal systems intended for stairwells in residential and hotel buildings (ZODIC) - <i>Sertifikovani sistemi za uklanjanje dima namijenjeni stepeništima u stambenim i hotelskim zgradama (ZODIC)</i> , Grzegorz Sypek, Key Projects Manager, SMAY – Poland.
20:00-	<b>Zajednička večera – Hotel “Ramada” u Podgorici . Dinner (Hotel “Ramada” - Podgorica)</b>

**petak. 14.09.2018. godine (Friday 14.09.2018.)**

	<b>Tematska cjelina IV (Thematic unit): Izabrane teme iz oblasti grijanja hlađenja i klimatizacije</b>
10:00-10:30	<b>Razgovor sa investitorom – Interview with the Investor</b> , Silvano Sušilović, FLOGISTON – Đakovo, Osijek, Republika Hrvatska, <a href="mailto:flogiston1994@gmail.com">flogiston1994@gmail.com</a> ;
10:30-10:50	<b>Primjeri iz inženjerske prakse - koliko se grejne i rashladne energije zaista dobija na uloženi kWh električne energije (na primjeru poslovno-tržnog centra) - Case Study: Efficiency of HVAC system for Shopping Mall „City Mall“ in Podgorica</b> , Dragan Božović – <i>Termosistem doo - Podgorica, Crna Gora</i> <a href="mailto:dragan.bozovic@termosistem.co.me">dragan.bozovic@termosistem.co.me</a> ;
10:50-11:10	<b>Problemi eliminacije vlage u bazenskim objektima i LCC analiza različitih tipova klima komora – Problems of moisture elimination in pool facilities and LCCA of different types of AHU</b> , Aleksandar Pjević, Lindab AB, <a href="mailto:aleksandar.pjevic@lindab.com">aleksandar.pjevic@lindab.com</a> ;
11:10-11:30	<b>Kafe pauza (Coffee break)</b>
11:30-11:50	<b>Kontrola freonskog ciklusa kod VRF tehnologije primenom temperature i vlažnosti vazduha - Dual Sensing Control for VRF technology In-depth Guide</b> , Nenad Črnica, Regional Project Manager, LG Electronics MK, <a href="mailto:nenad.crnica@lge.com">nenad.crnica@lge.com</a> ;
11:50-12:10	<b>Degassing and the role of air in closed heating and cooling circuits – Degazacija i uloga vazduha u zatvorenim cirkulacionim krugovima KGH sistema</b> , REFLEX, Tina Lamprinidou, Helmut Brinkmann
12:10-12:30	<b>Benefits of integration between heat pumps and food refrigeration systems for commercial applications: An example of efficient energy recovery for Near Zero Energy Buildings – Sergio Maria CAPANELLI</b> , Carel Industries S.p.A. <a href="mailto:sergio.capanelli@carel.com">sergio.capanelli@carel.com</a> ;
12:30-12:50	<b>Veliki solarni sistemi, izbor opreme, dimenzionisanje elemenata sistema, hidraulične šeme - Large solar systems, selection of equipment, dimensioning of system elements, hydraulic schemes</b> , Andrej Zifra, Weishaupt GMBH
12:50-13:10	<b>Kafe pauza (Coffee break)</b>
	<b>Tematska cjelina V (Thematic unit): Regulacija protoka u KGH sistemima i pumpni sistemi</b>
13:10-13:30	<b>Dinamička regulacija u sistemima centralnog grejanja - Dynamic regulation and balancing in heating systems</b> , Siniša Đurđić, HERZ Armaturen d.o.o., Nova Pazova, Srbija, <a href="mailto:sinisa.djurdjic@herz.rs">sinisa.djurdjic@herz.rs</a> ;
13:30-13:50	<b>Posljedice nepravilnog balansiranja instalacija grejanja sa termostatskim ventilima i njihov uticaj na raspodjelu potrošnje toplotne energije - Consequences of improper hydronic balancing in installations with variable flow</b> , Dejan Veličković, Filip Žardin, Danfoss
13:50-14:10	<b>Heating system renovation (family house) – IMI Hydronics (Karoly Vinkler; Gjorgjija Nastevski, Damir Simonović, IMI HYDRONICS)</b>
14:10-14:30	<b>Primena Wilo visoko energetski efikasnih pumpi i analiza troškova uštede – Application of Wilo high energy efficient pumps and analysis of savings costs</b> , Milan Čobanov, WILO Beograd
14:30-14:50	<b>Energetska efikasnost u industriji: „Parno kotlovska postrojenje na orezine vinove loze u vinariji Plantaže 13 jul AD Podgorica - Energy efficiency in industry : „Steam boiler plant fired by vineyard cuts in wine production Plantaze 13 jul AD Podgorica, - Siniša Janjušević, Resalta Montenegro d.o.o., Serdara Jola Piletića bb, Podgorica, sinisa.janjusevic@resalta.com</b>
14:50	<b>Ručak (Lunch)</b>