



5. Stručni skup sa međunarodnim učešćem iz oblasti klimatizacije, grijanja i hlađenja "energijaA+" 5. International HVAC/R Conference Montenegro

📍 Crna Gora, Podgorica, Hotel "Ramada", 25-26. septembar 2024. godine



ZLATNI SPONZORI



25.09.2024.

13:30-14:00	Okupljanje učesnika i registracija (Gathering of participants and registration)
14:00-14:30	Pozdravna riječ Organizatora i gostiju (Welcoming words of organizer and guests)
	Tematska cjelina I (Thematic unit I): ZAŠTITA OZONSKOG OMOTAČA (OZON LAYER PROTECTION)
14:30-14:45	"Rashladni fluidi u Crnoj Gori u periodu od 2020-2022.godine - Analiza potrošnje i alternative", Vasil Eftimov dipl.inž.maš., Sjeverna Makedonija; UNIDO međunarodni konsultant ("Refrigerants in Montenegro in the period from 2020-2022 - Analysis of consumption and alternatives", Vasil Eftimov, B.Sc.M.E., North Macedonia; UNIDO international consultant);
14:45-15:00	KIP - Plan smanjenja HFC supstanci" - Tatjana Boljević, Agencija za zaštitu životne sredine Crne Gore; ("KIP - HFC substances reduction plan" - Tatjana Boljevic, Environmental Protection Agency of Montenegro);
15:00-15:15	"Strategija upotrebe radnih tvari (rashladnih medija) u HVAC-R industriji u cilju smanjenja emisije CO2"- Hrvoje Krapanić - DAIKIN Hrvatska doo; ("Strategy of the use of refrigerants in the HVAC-R industry in order to reduce CO2 emissions" - Hrvoje Krapanic - DAIKIN Croatia llc);
15:15-15:30	"Samsung inovacije u obnovljivim izvorima energije : prije i sada!", ("Samsung innovations in renewable energy sources: before and now!" - Zvonimir Strapajević, Samsung Electronics);
15:30-15:45	"Bezbjednosni aspekti projektovanja i instalacije toplotnih pumpi vazduh voda sa rashladnim sredstvom R290"-Nenad Črnica- LG; ("Safety aspects of designing and installing air to water heat pumps with refrigerant R290" - Nenad Crnica - LG);
15:45-16:00	Kafe pauza (Coffee break)
	Tematska cjelina II (Thematic unit II): ENERGETSKA EFIKASNOST (ENERGY EFFICIENCY)
16:00-16:15	„Unaprijeđeni okvir u oblasti energetske efikasnosti zgrada” - Božidar Pavlović, Direktorat za energetska efikasnost; ("Improved framework in the field of energy efficiency of buildings" - Bozidar Pavlovic, Directorate of Energy Efficiency);
16:15-16:30	„Direktiva o energetske svojstvima zgrada (EPBD)” - Carel; ("Energy Performance of Buildings Directive (EPBD)" - Carel);



16:30-16:45	„ Dizalice topline (toplinske pumpe) unutar EPBD direktive“-Hrvoje Krpanić, DAIKIN Hrvatska doo; ("Heat pumps within the EPBD directive" - Hrvoje Krpanic, DAIKIN);
16:45-17:00	„Primjena polivalentnih toplinskih pumpi za energetski efikasno rješavanje energetskih potreba za grijanjem i hlađenjem objekta na primjeru hotela“ - Vuk Tomanović M.Sc.M.E., Zvezdan Tomanović, dipl.ing.maš. „DRAM“ doo - Podgorica; ("Using polyvalent heat pumps for energy-efficient solutions." of energy needs for heating and cooling of an object on the example of a hotel" - Vuk Tomanović M.Sc.M.E., Zvezdan Tomanović, B.Sc. M.E. "DRAM" Ilc - Podgorica);
17:00-17:15	„Projekt uspostave naprednog upravljanja KGHV sustavima poslovne zgrade“, Tomislav Stašić, Idea 2 Project d.o.o, Leon Lepoša, Idea 2 Project d.o.o. i Željko Špiljar, Invento-Pro d.o.o.; ("Design of advanced management of HVAC systems of an office building", Tomislav Stašić, Idea 2 Project d.o.o, Leon Lepoša, Idea 2 Project d.o.o. i Željko Špiljar, Invento-Pro d.o.o.)
17:15-17:30	Kafe pauza (Coffee break)
17:30-17:45	"Regulacija diferencijalnog pritiska pomoću Belimo EnergyValve". ("Differential pressure control with the Belimo EnergyValve") - Branimir Petrović, BELIMO;
17:45-18:00	Benefits of smart control valve and monitoring in renovation project/projects" - Damir Simonović, Gjorgjija Nastevski, IMI HYDRONICS; ("Benefiti pametnog upravljanja i monitoring u projektu/projektima rekonstrukcije" - Damir Simonovic, Gjorgjija Nastevski, IMI HYDRONICS);
Tematska cjelina III (Thematic unit III): VENTILACIJA I ODIMLJAVANJE (VENTILATION AND SMOKE EXHAUST);	
18:00-18:15	"Električni automobili u podzemnim garažama" - Željko Špiljar, INVENTO-PRO; ("Electric cars in underground garages" - Željko Špiljar, INVENTO-PRO);
18:15-18:30	"Natpritisak i garaže", "Overpressure and car parks" - Vito Gugliotta; ("CASALS VENTILACION AIR INDUSTRIAL SLU");
18:30-18:45	"Utjecaj efekata sistema na efikasnost aksijalnog ventilatora", ("Influence of system effects on axial fan efficiency" - Oleg Bondarenko; Ruck Vdentilatoren GmbH);
20:00-	Zajednička večera - Restoran 13.jul - Plantaže, Podgorica . Dinner (Restaurant "13.jul Plantaže - Podgorica)
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Tematska cjelina IV (Thematic unit IV): IZABRANE TEME IZ OBLASTI KLIMATIZACIJE, GRIJANJA, HLAĐENJA I VENTILACIJE	
10:00-10:15	„Klasifikacija toplinskih pumpi sa osvrtom na istovremenu proizvodnju toplotne i rashladne energije“ - Dragan Božović, TERMOSISTEM; ("Classification of heat pumps with reference to the simultaneous production of heating and cooling energy" - Dragan Bozovic, TERMOSISTEM);
10:15-10:30	"DAIKIN Decarbonisation Solutions" - Shpresim Kuchi, DAIKIN Airconditioning Central Europe ("DAIKIN Rješenja za dekarbonizaciju" - Shpresim Kuchi, DAIKIN Airconditioning Central Europe);
10:30-10:45	"Units for Hot Water Production and Case Study" - Antonis Komninos, AHI Carrier S.E.E Product Champion Chillers, Dry Coolers; ("Jedinice za pripremu tople vode i studija slučaja" - Antonis Komninos, AHI Carrier S.E.E Product Champion Chillers, Dry Coolers);
10:45-11:00	"Setovi za opremanje klima - komora (AHU kit) - osnove" - Marija Đurović, M.S.Mech. Eng. Panasonic Heating & Ventilation Air-conditioning Europe (PHVACEU); ("Sets for equipping the air conditioner - air handling unit (AHU kit) - basics" - Marija Djurovic, M.S.Mech. Eng. Panasonic Heating & Ventilation Air-conditioning Europe);
11:00-11:15	TOSHIBA USX - UNIVERSAL SMART X modularni rashladnik i dizalica topline" - Robert Horvath dis, TOSHIBA AIR-COND INTERNATIONAL; ("TOSHIBA USX - UNIVERSAL SMART X modular cooler and heat pump" - Robert Horvath dis, TOSHIBA AIR-COND INTERNATIONAL);
11:15-11:30	Kafe pauza (Coffee break)



11:30-11:45	"Mjerenje CO2 kroz povijest klimatizacije te potreba proračuna i mjerenja CO2 u sustavima ventilacije i klimatizacije" – Ivana Abrashi, dipl.ing.str., Tihomir Rengel dipl.ing.str., Damir Prodan – Abramović, dipl.ing.str. ; ("Measuring CO2 throughout the history of air conditioning and the need for calculation and measurement of CO2 in ventilation and air conditioning systems" – Ivana Abrashi, B.Sc.M.E., Tihomir Rengel B.Sc.M.E., Damir Prodan – Abramović, B.Sc.M.E.);
11:45-12:00	"Primjeri klimatizacije, grejanja i hlađenja u zgradama u fazi projektiranja – upotreba CFD simulacije" – Erik Pavlovič, OC IMP Klima – Godović, Slovenija; ("Examples of air conditioning, heating and cooling in buildings in the design phase – use of CFD simulation" – Erik Pavlovic, OC IMP Klima – Godovic, Slovenija);
12:00-12:15	"Ovlaživanje vazduha u bolnicama – kako postići ravnotežu između zdravlja i održivosti!" – Carel; ("Humidification in hospitals – how to achieve a balance between health and sustainability" – Carel);
12:15-12:30	„The advantages of dynamic pressure maintenance and degassing systems in heating and cooling circuits" –Nils Bußkamp, Reflex; („Prednosti održavanja dinamičkog pritiska i degazacije u krugovima grijanja i hlađenja" –Nils Bußkamp, Reflex);
12:30-12:45	„Primjer dobre prakse – Toplana na biomasu", "Example of good practice – Biomass heating plant" – Zoran Kovljen; Hargassner Ges mbH ("Example of good practice – Biomass heating plant" – Zoran Kovljen; Hargassner Ges mbH);
12:45-13:00	Kafe pauza (Coffee break)
13:00-13:15	Industrijski program i portfolio kompanije JEREMIAS sa isticanjem bitnih proizvoda za industriju (prigušivači buke, Tibor Horvath, JEREMIAS ("The industrial program and portfolio of the JEREMIAS company highlighting essential products for the industry (silencers)", Tibor Horvath, JEREMIAS);
13:15-13:30	„Kompenzacija dilatacije cijevnih vodova usled promjene temperature radnog fluida. Rješenja i alat (software) za proračun izduženja" – Slavoljub Vukčević, FISCHER; ("Compensation of the expansion of pipelines due to the change in the temperature of the working fluid. Solutions and tools (software) for calculation of elongation" – Slavoljub Vukcevic, FISCHER);
13:30-13:45	"Energetska efikasnost u sistemima grejanja i hlađenja – Neka tvoja elektronska cirkulaciona pumpa radi u najboljem opsegu", ("Energy efficiency in heating and air conditioning systems – Make your electronic circulator working at its best" – Severino Alfieri; DAB PUMPS S.P.A.);
13:45-14:00	Energetska efikasnost predizolovanih ppr cijevi", („Energy efficiency of pre-insulating ppr pipes" – Vassileos Zoidis, ISOPIPE);
14:00-14:15	„Kritična pitanja vezana za izolaciju cijevi – analiza uzroka, efekata i energetske efikasne rešenjai", („CRITICAL ISSUES IN PIPE INSULATION- An Analysis of Causes, Effects and Energy Efficiency Solutions" – Triantafillos Theodo, Interplast);
14:30	Ručak (Lunch)

SREBRNI SPONZORI



BRONZANI SPONZORI



PROGRAMSKI SPONZORI



Ministarstvo
energetike