



## 48<sup>th</sup> ICT and Electronics Convention MIPRO

2 - 6 June 2025 - Opatija, Croatia  
Grand Hotel Adriatic and Hotel Admiral

Driving the Future with Smart and Intelligent ICT

*Lampadem tradere*

INNOVATIVE PROMOTIONAL PARTNERSHIP

Papers can be submitted to the following international conferences:

- AIS - Artificial Intelligence Systems
- BIS-BDP - Business Intelligence Systems and Big Data Processing
- CE - Computers in Education
- CIS - Cyber and Information Security
- CTI - Telecommunications & Information
- DC-CPS - Distributed Computing and Cyber-Physical Systems
- DE-DS - Digital Economy and Digital Society
- DS-BE - Data Science and Biomedical Engineering
- EE - Engineering Education
- HCI - Human-Computer Interaction
- ICTLAW - Information and Communication Technology Law
- MEET - Microelectronics, Electronics and Electronic Technology
- OPHO - Optoelectronics and Photonics
- PM - Project Management
- SIDE - Smart Industries and Digital Ecosystems
- SSE - Software and Systems Engineering
- SP - MIPRO Junior - Student Papers

Accepted papers in English presented at the conference will be submitted for inclusion in the IEEE Xplore Digital Library.

If you need assistance, please contact the appropriate chair:

AIS	Darko Huljenić	huljenicdarko@gamil.com
BIS-BDP	Boris Vrdoljak	boris.vrdoljak@fer.hr
CE	Snježana Babić	snjezana.babic.ce@gmail.com
CIS	Stjepan Groš	stjepan.gros@fer.hr
CTI	Željka Car	zeljka.car@fer.hr
DC-CPS	Vlado Sruk	vlado.sruk@fer.hr
DE-DS	Edvard Tijan	edvard.tijan@pfri.uniri.hr
DS-BE	Karolj Skala	skala@irb.hr
EE	Predrag Pale	mipro@zesoi.fer.hr
HCI	Dario Ogrizović	dario@uniri.hr
ICTLAW	Tihomir Katulić	tkatulic@gmail.com
MEET	Marko Koričić	marko.koricic@fer.hr
OPHO	Vera Gradišnik	vera.gradisnik@uniri.hr
PM	Darko Jureković	darko.jurekovic@pmi-croatia.hr
SIDE	Neven Vrčec	nvrcek@foi.unizg.hr
SSE	Tihana Galinac Grbac	tgalinac@unipu.hr
SP	Pavle Ergović	pavleergovic@gmail.com



### CONFERENCE REGISTRATION FEES:

Early bird (up to 19 May 2025)  
Regular (from 20 May 2025)

#### MIPRO and IEEE members

270 EUR  
297 EUR

#### Non-members

300 EUR  
330 EUR

The fee for students (undergraduate and graduate), primary and secondary school teachers is EUR 150 (without any additional discount). The student discount doesn't apply to PhD students.

The registration fee covers free access to all events at MIPRO convention, including the cocktail party on Wednesday.



### IMPORTANT DATES

Abstract submission: 16 December 2024

Full-paper submission: 3 February 2025

Acceptance notification: 21 March 2025

Camera ready submission: 7 April 2025

Papers are accepted only in English and Croatian. Abstract is limited to 200 words.

Official languages of the convention are English and all other EU languages.

For more information visit [www.mipro.hr](http://www.mipro.hr)







## 48<sup>th</sup> ICT and Electronics Convention MIPRO

2 - 6 June 2025

Opatija, Croatia

Grand Hotel Adriatic and Hotel Admiral

Welcome to  
*Opatija*

### SUBMIT THE PAPER AND/OR EVENT FOR THE 48<sup>TH</sup> ICT AND ELECTRONICS CONVENTION MIPRO 2025!

MIPRO 2025 is anticipated to be one of the leading international gatherings focused on "Smart and Intelligent ICT for the Future". This event continues to be a hub for cutting-edge information, communication, and electronic technologies, connecting them with multidisciplinary innovations.

MIPRO brings together ICT associations and creators across the region, serving as a collaborative hub for knowledge exchange, technological advancement, and the development of professional relationships. As the world transitions to a digital society, MIPRO provides a platform to promote smart ICT solutions that can help shape a sustainable, intelligent future.

As a flagship event, MIPRO 2025 embraces the European Union's commitment to linguistic diversity and intercultural dialogue. This year, we are continuing the Hybrid multilingual scientific-professional conference, utilizing artificial intelligence's capabilities and the power to facilitate real-time multilingual communication. This ensures that participants can engage in their native languages while still adhering to English and all other EU languages as the conference's official languages.

This year's convention slogan is „Driving the Future with Smart and Intelligent ICT“. We invite contributions that present innovative research, solutions, and technologies shaping the future of ICT. Whether you are an experienced professional or a PhD student, MIPRO provides an ideal platform for sharing your work and collaborating with experts worldwide.

This year, MIPRO presents a diverse array of 17 conferences covering a wide range of ICT-related topics. We welcome submissions from various domains, including technical and programming solutions, educational technologies, and project management, particularly for those leading initiatives in research, development, and industry.

MIPRO encourages contributions from academia, industry, and the public sector, in this multidisciplinary environment, offering a platform to showcase innovations that drive digital transformation towards a sustainable and smart society.

In addition to scientific and technical sessions, MIPRO 2025 also offers seminars, workshops, roundtables, and panel discussions, fostering a holistic experience for participants. A traditional exhibition will showcase the latest ICT systems and electronic innovations, with opportunities for commercial presentations and demonstrations.

If you want to enhance the program with your ideas, events, or commercial presentations, please reach out to us at [mipro@mipro.hr](mailto:mipro@mipro.hr). Together, we will drive the mission of creating an inclusive and intelligent ICT future.

Welcome to the 48<sup>th</sup> MIPRO 2025 in beautiful and hospitable Opatija, the city of tourism, culture, science, top events, and pleasant and useful get-togethers.

MIPRO is open to all individuals and institutions interested to propose additional events that would enrich MIPRO program.

Interested parties should contact [mipro@mipro.hr](mailto:mipro@mipro.hr) no later than **24 February 2025**.

You can suggest the following events:

- Tutorials
- Round tables and panel discussions devoted to current ICT topics
- Workshops
- Presentations of the eminent economic and scientific institutions
- Invited lectures of eminent scientists, experts and managers
- Legislative discussions on ICT
- Company presentations
- European and promotional activities
- Other events

### # EXHIBITION:

We hereby invite companies, institutions and ICT experts interested to present their projects and achievements as well as publishers to present their publications. The organizer will provide additional promotional opportunities. Details at [www.mipro.hr](http://www.mipro.hr) or contact [mipro@mipro.hr](mailto:mipro@mipro.hr)

### CONFIRMED EVENTS

### # SMART INDUSTRY RELATED WORKSHOP:

- **CCE - „Correct by Design“ - The Competitive Edge with Modern Electrical CAE/CAD/CAM Technologies**  
Chair: Robert Brekalo, [robert.brekalo@ccontrols.hr](mailto:robert.brekalo@ccontrols.hr), Computer Controls, Zagreb

### # TUTORIALS (in Croatian):

- **HEP - Information and Communication Technology in the Electric Power Sector**  
Chair: Vitomir Komen, [vitomir.komen@hep.hr](mailto:vitomir.komen@hep.hr), HEP-ODS, Rijeka
- **IRP-ZT - Green Transition of the Power System - R&D Projects**  
Chair: Dubravko Sabolić, [dubravko.sabolic@hops.hr](mailto:dubravko.sabolic@hops.hr), HOPS, Zagreb

### # SOCIAL EVENTS:

- In accordance with a follow-up announcement

### INFO

#### General Program Chair:

Academician Karolj Skala, Ruđer Bošković Institute, Bijenička 54, HR-10000 Zagreb, gsm: +385-98-209816, e-mail: [skala@mipro.hr](mailto:skala@mipro.hr)

#### Organization and logistics:

MIPRO Office, Jadranski trg 1/II, PO Box 49, HR-51001 Rijeka, Croatia, phone: +385-51-423984, e-mail: [mipro@mipro.hr](mailto:mipro@mipro.hr)

More about Opatija: <http://visitopatija.com>

### ORGANIZER:

MIPRO Croatian Society

### PATRONS:

Ministry of the Sea, Transport and Infrastructure of the Republic of Croatia  
University of Zagreb  
University of Rijeka  
Juraj Dobrila University of Pula  
Ruđer Bošković Institute, Zagreb  
Jožef Stefan Institute, Ljubljana  
Croatian Academy of Engineering - HATZ  
University of Zagreb, Faculty of Electrical Engineering and Computing  
University of Zagreb, Faculty of Organization and Informatics, Varaždin  
University of Rijeka, Faculty of Maritime Studies  
University of Rijeka, Faculty of Engineering  
University of Rijeka, Faculty of Economics and Business  
Josip Juraj Strossmayer University of Osijek, Faculty of Education  
Zagreb University of Applied Sciences  
Croatian Regulatory Authority for Network Industries - HAKOM  
Ericsson Nikola Tesla, Zagreb  
T-Croatian Telecom, Zagreb  
Končar - Electrical Industry, Zagreb  
Hrvatska elektroprivreda, Zagreb  
Infodom, Zagreb  
Cybernetics Society, Rijeka

### TECHNICAL CO-SPONSORSHIP:

IEEE Region 8  
IEEE Croatia Section  
IEEE Croatia Section Computer Chapter  
IEEE Croatia Section Electron Devices/Solid-State Circuits Joint Chapter  
IEEE Croatia Section Education Chapter  
IEEE Croatia Section Communications Chapter

### INTERNATIONAL PROGRAM COMMITTEE:

(chairs, steering and program committee members)

K.Skala, General Chair (Croatia), T.Aaltonen (Finland), L.Abazi-Bexheti (North Macedonia), A.Agatić (Croatia), S.Aksentijević (Croatia), S.Aleksić (Germany), S.Amon (Slovenia), K.Antonović (Croatia), Z.Aralica (Croatia), M.E.Auer (Austria), D.Babić (Croatia), S.Babić (Croatia), D.Bačić (USA), D.Bago (Croatia), D.Bairaktarova (USA), T.Bajd (Slovenia), M.Bajica (Croatia), A.Bakić (Croatia), H.Balen (Croatia), M.Banek (Croatia), J.Bao (China), N.Begičević Redep (Croatia), L.Bellatreche (France), A.Beskierska (Poland), M.Bjelica (Serbia), B.Blumenschein (Croatia), D.Boras (Croatia), D.Bosnar (Croatia), A.Boukalov (Belgium), R.Branco (Portugal), L.Brandimarte (USA), D.Brčić (Croatia), K.Brkić (Croatia), Lj.Brkić (Croatia), A.Budin (Croatia), Ž. Butković (Croatia), D.Caputo (Italy), Ž.Car (Croatia), C.K.Coursaris (Canada), B.Cukic (USA), A.Cuzzocrea (Italy), D.Čakara (Croatia), S.Čelar (Croatia), V.Čeperić (Croatia), M.Čičin-Sain (Croatia), D.Čišić (Croatia), M.Čupić (Croatia), J.D'Arcy (USA), D.Davidović (Croatia), G.Delač (Croatia), V.Delić (Serbia), S.Dešić (Croatia), S.Djamasbi (USA), M.Đurasević (Croatia), P.Ergović (Croatia), M.Ferrari (Italy), R.Filjar (Croatia), M.Francia (Italy), N.Frid (Croatia), A.Gajović (Croatia), T.Galinac Grbac (Croatia), D.Galletta (USA), E.Gallinucci (Italy), P.Garza (Italy), G.Gledec (Croatia), D.Godec (Croatia), M.Golfarelli (Italy), M.Golub (Croatia), S.Golubić (Croatia), M.Gosta (Croatia), V.Gradišnik (Croatia), K.Grgić (Croatia), A.Grgurić (Croatia), S.Groš (Croatia), M.Gulić (Croatia), N.Gumzej (Croatia), J.Henno (Estonia), Ž.Hocenski (Croatia), T.Holjevac (Croatia), M.Horvat (Croatia), T.Hrkać (Croatia), V.Hudek (Croatia), D.Huljenić (Croatia), L.Humski (Croatia), R.Inkret (Croatia), I.Ipšić (Croatia), M.Ivanda (Croatia), M.Ivašić-Kos (Croatia), H.Jaakkola (Finland), T.Jagušt (Croatia), D.Jakobović (Croatia), I.Jelavić (Croatia), L.Jelenković (Croatia), J.L.Jenkins (USA), B.Jerbić (Croatia), D.Jevtić (Croatia), A.Jokić (Croatia), A.Jović (Croatia), A.Jukan (Germany), N.Jukić (USA), O.Jukić (Croatia), I.Jurdana (Croatia), D.Jureković (Croatia), O.Jureković (Croatia), M.Jurić (Croatia), Đ.Juričić (Slovenia), Z.Kalafatić (Croatia), I.Kanceljak (Croatia), P.Karanikić (Croatia), M.Karuzza (Croatia), I.Kaštelan (Serbia), Z.Katalenić (Slovenia), A.Katalinić Mucalo (Croatia), T.Katulić (Croatia), T.Kišasondi (Croatia), T.Knežević (Croatia), B.Knijnenburg (USA), M.Konecki (Croatia), M.Koričić (Croatia), I.Kotenko (Russia), B.Kovačić (Croatia), Z.Kovačić (Croatia), D.Kragić Jensfelt (Sweden), S.Krajnović (Croatia), M.Krašna (Slovenia), G.Krčelić (Croatia), Đ.Krivokapić (Serbia), I.Kunda (Croatia), N.Kunštek (Croatia), M.Lacković (Croatia), E.Leitgeb (Austria), H.Lisičar (Croatia), P.Loutocky (Czech Republic), D.Lučić (Croatia), D.Lukač (Germany), M.Lukosius (Germany), I.Ljubi (Croatia), R.Ma (USA), C.Maier (Germany), T.Mandić (Croatia), N.Marjanović (Croatia), G.Marković (Croatia), T.Marković (Croatia), L.Martinich (USA), R.Matanovac Vučković (Croatia), M.Mauher (Croatia), I.Mekterović (Croatia), B.Mikac (Croatia), N.Mike (Hungary), M.Mikuc (Croatia), M.Milenković (Croatia), G.Mirceva (North Macedonia), H.Mlinarić (Croatia), M.Mrvelj (Croatia), G.Mudronja (Croatia), F.Nah (Hong Kong), N.Nain (India), B.Nauwelaers (Belgium), D.Ogrizović (Croatia), V.Olujić (Croatia), P.Pale (Croatia), D.Palová (Slovakia), B.Pejčinović (USA), N.Perić (Croatia), A.Perić Hadžić (Croatia), T.Perković (Croatia), R.Peter (Croatia), J.Petrović (Croatia), D.T.Pham (United Kingdom), S.Picek (Netherlands), D.Pintar (Croatia), N.Pintarić (Croatia), V.Piuri (Italy), M.Poljak (Croatia), V.Putarek (Croatia), C.Ramakrishnan (Australia), A.Rashkovska (Slovenia), R.Repnik (Slovenia), L.Révészová (Slovakia), S.Ribarić (Croatia), N.Roberts (USA), M.Saari (Finland), D.Sabolić (Croatia), I.Sacala (Romania), S.Sarker (Sweden), A.Satja Kurdija (Croatia), C.Schneider (Spain), J.Schulze (Germany), B.Siciliano (Italy), S.Skansi (Croatia), T.Slapnik (Slovenia), R.Smokvina (Croatia), M.Sokele (Croatia), A.Sović Kržić (Croatia), M.Srbić (Croatia), F.Srdić (Croatia), V.Sruk (Croatia), H.Stančić (Croatia), M.Stipčević (Croatia), V.Strahonja (Croatia), T.Suligoj (Croatia), A.Sunyayev (Germany), A.Szabo (Croatia), J.Sarić (Croatia), M.Šćulac Domac (Croatia), M.Silić (Croatia), M.Šimac (Croatia), D.Šimunić (Croatia), F.Škopljanac-Maćina (Croatia), D.Škvorc (Croatia), Z.Šojat (Croatia), V.Štruc (Slovenia), M.Šutina (Croatia), M.Švaco (Croatia), V.Švedek (Croatia), D.Švelec (Croatia), C.-W.Tan (Denmark), N.Tanković (Croatia), J.Thatcher (USA), A.Teixeira (Portugal), E.Tijan (Croatia), A.M.Tjoa (Austria), M.Tomić (Croatia), F.Urem (Croatia), J.S.Valacich (USA), L.Vejmelka (Croatia), D.Verdnik (Croatia), L.Vicković (Croatia), I.Vidaković (Croatia), M.Vidović (Croatia), S.Vidović (Croatia), D.Vinko (Croatia), E.Vlačić (Croatia), K.Vladimir (Croatia), G.Vojković (Croatia), M.Vranić (Croatia), M.Vrankić (Croatia), N.Vrček (Croatia), B.Vrdoljak (Croatia), M.Vuković (Croatia), M.Weber (Croatia), M.Weinmann (Germany), M.Wiesche (Germany), D.Wilson (USA), A.Završnik (Slovenia), K.Zimmer (Croatia), D.Žagar (Croatia)