

VIII E-MOBILITY FORUM HUMAN-CENTERED DIGITAL MOBILITY OF THE FUTURE

BELGRADE - FACULTY OF MECHANICAL ENGINEERING
26-27 NOVEMBER 2025



Ministarstvo nauke,
tehnološkog razvoja i inovacija
Ministarstvo građevinarstva,
saobraćaja i infrastrukture



GODINA
ZAJEDNO
2015-2025



VIII. E-MOBILITY FORUM

Poštovani,

Iza nas je već punih deset godina od kada smo sa svojim akademskim i tehnološkim partnerima, 2015 godine, krenuli na ovo e-putovanje.

Zajedno smo bili aktivni učesnici i svedoci mnogih neverovatnih promena koje su se dogodile u tom periodu, u tehnologijama pogona, upotrebi alternativnih izvora, logističkim lancima, u ukupnom poslovanju i društvu u celini.

E-MOBILITY FORUM je godišnji događaj koji se fokusira na izazove i inovativna tehnološka rešenja iz oblasti automotiva i urbane mobilnosti integrišući akademiju, industriju i gradove.

VIII E-MOBILITY FORUM sa 3. Student Innovative Mobility Challenge-om biće održan 26 i 27 Novembra 2025., tradicionalno, na Mašinskom fakultetu u Beogradu.

Sigurni smo da će i ovaj Forum i SIM-Challenge biti inspirativno i dinamično iskustvo, ispunjeno zanimljivim tematskim panelima, diskusijama i prilikama za upoznavanje i saradnju.

Tri najbolje studentske ideje biće finansijski nagrađene a porednički tim uz finansijsku nagradu u iznosu od 300.000 rsd. dobiće mentorstvo u daljem razvoju projektne ideje, podršku u otvaranju startup-a i mogućnost uključenja u inovativne pozive EIT UM-a, CCAM-a i 2ZERO-a. Takođe, poredničkom timu biće organizovana i finansirana poseta VIVA TECH 2026", koji se održava u Parizu.

Izuzetnu zahvalnost za uspeh dosadašnjih Foruma i SIM-Challenge-a dugujemo našim sponzorima kojima će se u okviru ovogodišnjeg FORUMA obratiti i zahvaliti članovi prvonagrađenih studentskih timova 2023. i 2024.

Pozivamo vas da nam se pridružite i date doprinos uspehu ovogodišnjeg događaja.



NAAEV
Ivan Vulović, Predsednik UO



Mašinski Fakultet, Univerzitet Beograd
Prof. dr Vladimir Popović, Dekan



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Ivan Vulović, Predsednik UO



Mašinski Fakultet, Univerzitet Beograd
Prof. dr Vladimir Popović, Dekan

Dear all,

It has already been a full ten years since, together with our academic and technological partners, we embarked on this e-journey in 2015.

Together, we have been active participants and witnesses to many incredible changes that have taken place during this period – in propulsion technologies, the use of alternative energy sources, logistics chains, as well as in overall business and society as a whole.

The E-MOBILITY FORUM is an annual event focusing on the challenges and innovative technological solutions in the fields of automotive and urban mobility, integrating academia, industry, and cities.

The VIII E-MOBILITY FORUM, together with the 3rd Student Innovative Mobility Challenge, will be held on 26-27 November 2025, traditionally at the Faculty of Mechanical Engineering in Belgrade.

We are confident that this year's Forum and SIM-Challenge will be an inspiring and dynamic experience, filled with engaging thematic panels, discussions, and opportunities for networking and collaboration.

The three best student ideas will receive financial awards, and the winning team, in addition to a financial prize of 300,000 RSD, will be granted mentorship for further project development, support in starting a startup, and the opportunity to participate in innovation calls from EIT UM, CCAM, and 2ZERO. Furthermore, the winning team will be provided with an organised and funded visit to the VIVA TECH 2026 in Paris.

We owe exceptional gratitude for the success of previous Forums and SIM-Challenges to our sponsors, to whom the members of the first-prize-winning student teams from 2023 and 2024 will personally address and express their thanks during this year's Forum.

We invite you to join us and contribute to the success of this year's event.

SADRŽAJ FORUMA / FORUM CONTENT

VIII E-Mobility Forum će okupiti vodeće stručnjake iz industrije, akademske zajednice, finansija i javnog sektora kako bi razmenili znanja, iskustva i vizije o budućnosti mobilnosti. Tokom dva dana, program će obuhvatiti:

Stručne prezentacije – predstavljanje najnovijih tehnoloških dostignuća, inovacija i istraživanja iz oblasti autonomnih sistema, elektromobilnosti i urbane mobilnosti.

Panel diskusije – vođene od strane moderatora kroz interaktivne razgovore sa ekspertima o ključnim temama, koje uključuju veštačku inteligenciju, robotiku, sajber bezbednost, integraciju obnovljivih izvora energije i dizajn mobilnosti usmeren na čoveka.

Umrežavanje – prilike za direktno povezivanje sa liderima industrije, donosiocima odluka, startupovima i istraživačkim institucijama.

Student Innovative Mobility Challenge (SIM-C) 2025 – završna sesija sa prezentacijom pet najboljih studentskih projekata, dodelom nagrada, mentorstvom i prilikom za uključivanje u evropske inovacione programe, uz nagradno putovanje na VivaTech 2026 u Pariz.

The VIII E-Mobility Forum will bring together leading experts from industry, academia, finance and the public sector to exchange knowledge, experiences, and visions on the future of mobility. Over the course of two days, the programme will include:

Expert Presentations – showcasing the latest technological achievements, innovations, and research in the fields of autonomous systems, electromobility, and urban mobility.

Panel Discussions – moderated interactive conversations with experts on key topics, including artificial intelligence, robotics, cybersecurity, renewable energy integration, and human-centred mobility design.

Networking – opportunities to connect directly with industry leaders, decision-makers, startups, and research institutions.

Student Innovative Mobility Challenge (SIM-C) 2025 – the closing session featuring presentations of the top five student projects, awards, mentorship, and opportunities to participate in European innovation programmes, along with a prize trip to the VivaTech 2026 in Paris.



SADRŽAJ FORUMA / FORUM CONTENT

DAN 1 - Inteligentni, Autonomni Sistemi

OTVARANJE

PANEL 1 - Autonomni sistemi – vozila, robotika, odgovornost algoritama

Teme : Autonomija nivoa 3-5, implemenntacija u realnim uslovima; Korišćeneje AI u odlučivanju, sistemi percepcije, validacija; Poverenje javnosti, regulatorni izazovi

PANEL 2 - Povezana mobilnost – sajber bezbednost, interoperabilnost upravljanje podacima

Teme : Bezbednost podataka u mobilnosti; Sigurnost komunikacije, 5G/6G – V2X; Otvoreni standardi, otpornost infrastrukture; ; Digitalna suverenost i vlasništvo nad podacima u mobilnosti

PANEL 3 - Integracija mobilnosti u javni prostor dizajnirana jednostavno, intuitivno i inkluzivno

Teme : Organizacija i razvoj efikasne i održive mobilnosti urbanih područja, uključivanje korisnika, primeri “urbanih living-labova”(evropski gradovi, “Beograd na vodi”); Projektovanje mobilnosti za sve korisnike, starije, decu, osobe sa invaliditetom; Urbani dizajn, pristupačnost i multimodalna povezanost; Etika i emocionalna povezanost korisnika sa autonomnim vozilima

DAN 2 - Inovacioni Ekosistemi, Iskustva Korisnika

PANEL 4 - Ekonomski modeli i poslovne šanse za implementaciju autonomnih sistema u Jugoistočnoj Evropi – pozicija Srbije

Teme : Banke pokreću održivu mobilnost — finansiranjem inovacija i podrškom zelenoj tranziciji

PANEL 5 - Buduća mobilnost i energetika

Teme : Nove generacije baterija i sistemi brzog punjenja; Integracija obnovljivih izvora energije sa elektromobilnošću; Vodonik kao pogonsko gorivo budućnosti; Politike i regulativa za dekarbonizaciju transporta

PANEL 6 - AKADEMIJA – SIM CHALLENGE 2025

Prezentacija inovativnih rešenja nagradjenih timova; Obraćanje predstavnika pobedničkih timova 2023/2024; EUTA (European Training Academy) – pisanje i upravljanje EU projektima, rezultati i održivost; Proglašenje pobednika SIM Challenge-a 2025 i dodela nagrada

DAY 1 – Intelligent and Autonomous Systems

OPENING SESSION

PANEL 1 - Autonomous Systems: Vehicles, Robotics, and Algorithmic Responsibility

Topics: Level 3–5 autonomy and implementation in real-world conditions; Use of AI in decision-making, perception systems, and validation; Public trust and regulatory challenges

PANEL 2 - Connected Mobility: Cybersecurity, Interoperability, and Data Management

Topics: Data security in mobility; Communication safety, 5G/6G – V2X; Open standards; infrastructure resilience; Digital sovereignty and data ownership in mobility

PANEL 3 - Inclusive Integration of Mobility into Public Space Designed Simply, Intuitively and inclusively

Topics: Organization and development of efficient and sustainable urban mobility; user engagement; examples of “urban living labs” (European cities, “Belgrade Waterfront”); designing mobility for all users – elderly, children, people with disabilities; urban design, accessibility, and multimodal connectivity; Ethics and the emotional connection of users with autonomous vehicles

DAY 2 – Innovation Ecosystems & User Experience

PANEL 4 – Economic Models and Business Opportunities for the Implementation of Autonomous Systems in Southeast Europe – Serbia’s Position

Topics: Banks driving sustainable mobility — by financing innovation and supporting the green transition

PANEL 5 - Future Mobility and Energy

Topics: New generations of batteries and fast-charging systems; Integration of renewable energy sources with e-mobility; hydrogen as a fuel of the future; policies and regulations for transport decarbonization; the role of smart grids in large-scale e-mobility

PANEL 6 - AKADEMIJA – SIM CHALLENGE 2025

Topics : Presentation of innovative solutions by the awarded teams; Addresses by representatives of the winning teams of 2023/2024; EUTA (European Training Academy) – project writing and EU project management, results and sustainability; Announcement of the SIM Challenge 2025 winners and award ceremony

PODRŽI FORUM / SUPPORT THE FORUM

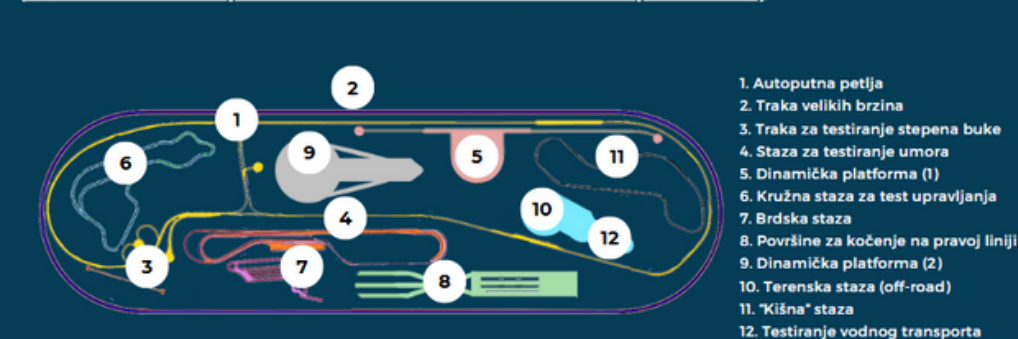
Zašto postati Sponzor E-Mobility Foruma?

- Ekskluzivna prilika za pozicioniranje brenda u oblasti održive mobilnosti i energije
- Kontakt sa potencijalnim klijentima i mladim talentima, članovima studentskih timova
- Vidljivost kroz medije, društvene mreže i promo materijale
- Učešće na panelima i direktna komunikacija sa partnerima, institucijama i akademijom
- Dajete podršku inovacijama i tranziciji ka čistoj, pametnoj i inkluzivnoj mobilnosti
- Ugovorom o sponzorstvu stiče se status godišnjeg partnera NAAEV-a

Why Sponsor with the E-Mobility Forum?

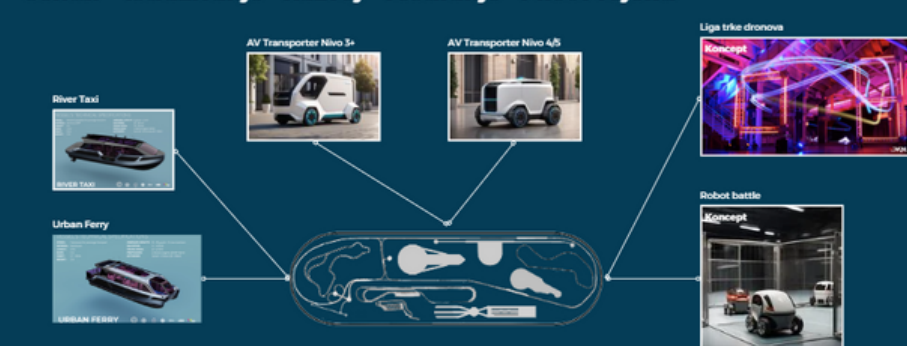
- Exclusive opportunity to position your brand in the field of sustainable mobility and energy
- Contact with potential clients and young talents, members of student teams
- Visibility through media, social networks, and promotional materials
- Participation in panels and direct communication with partners, institutions, and academia
- You are supporting innovation and the transition towards clean, smart, and inclusive mobility
- By signing a sponsorship agreement, companies gain the status of an annual NAAEV partner

Koncept i preliminarni dizajn centra pametne mobilnosti (5G+ Istraživačko-razvojni i test centar za autonomna vozila i komercijalne dronove)



Osnivanjem "5G+ Razvojno-istraživačkog i Test Centra za autonomna vozila i komercijalne dronove" partneri osnivajući stvaraju sveobuhvatnu organizacionu celinu u kojoj kombinuju svoje kompetencije gde se mogu postići rezultati višeg nivoa istraživanja. Cilj je povezivanje akademskih i industrijskih kompetencija, kao i edukacije i istraživanja kako bi se omogućila obuka visokokvalifikovanih profesionalaca i jačanje baze podataka.

Centar = Istraživanje - Razvoj - Testiranje - Pilot Projekti



Planira se pokretanje novih istraživačkih projekata u oblasti autonomnih vozila i komercijalnih dronova usklađenih sa međunarodnim trendovima i industrijskim inicijativama. Fokus će biti na tehnologijama poput video obrade, detekcije okoline i komunikacije vozila. Takođe, istraživače se sistemске funkcije autonomnih vozila i komercijalnih dronova, uključujući sisteme za pomoć u vožnji i arhitekturu vozila. Dodatno se planiraju projekti koji se bave autonomnom kontrolom vozila: plovila i komercijalnih dronova, obuhvatajući područja kao što su prikupljanje i obrada podataka, veštačka inteligencija, mašinsko učenje, kao i kontrola mehaničkih sistema.

First Electric and Autonomous Water Transport Vessels

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AKADEMIJA-SIM CHALLENGE 2025 / ACADEMY-SIM CHALLENGE 2025

Pre tri godine u saradnji sa Mašinskim fakultetom iz Beograda, pokreneli smo takmičenje studenskih timova “SIM-Challenge” sa ciljem da povežemo studente i industriju kroz razvoj inovativnih ideja u oblasti mobilnosti.

Prve godine otvorili smo vrata mladim talentima da predstave svoje projekte pred stručnim žirijem i publikom, a već prošle godine inicijativa je prerasla u nacionalni program – priključili su se fakulteti iz različitih gradova širom Srbije.

Ovaj rast je doneo i rezultate: neki od učesnika nastavili su svoj razvojni put kroz evropske i međunarodne inovacione programe, startup inkubatore i istraživačke projekte. SIM-C je tako postao odskočna daska za nove generacije inovatora koji ne samo da osmišljavaju budućnost mobilnosti, već je i aktivno grade.

Za sponzore, SIM-Challenge predstavlja priliku da budu deo priče koja povezuje ideje, talente i tehnologiju – da direktno utiču na stvaranje održivih i pametnih rešenja koja menjaju naš svet.

Three years ago, in cooperation with the Faculty of Mechanical Engineering in Belgrade, we launched the student competition 'SIM-Challenge' with the aim of connecting students and industry through the development of innovative ideas in the field of mobility.

In its first year, we opened the stage to young talents eager to present their projects to a panel of experts and a live audience. By the very next year, the initiative had grown into a national program – welcoming faculties from cities across Serbia and bringing together a wider diversity of skills, perspectives, and creativity.

The results speak for themselves: several participants have continued their journey through European and international innovation programs, startup incubators, and research projects. The SIM-C has become a springboard for the next generation of innovators who are not only imagining the future of mobility but actively building it.

For sponsors, the SIM-Challenge is a chance to be part of a story that connects ideas, talent, and technology – to directly contribute to creating sustainable and intelligent solutions that are shaping the world.



2023



2024





Innovate today for the mobility of tomorrow

2015 - 2025

More info:
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