



UDRUŽENJE INŽENJERA SRBIJE ZA KORZIJU I ZAŠTITU MATERIJALA
SERBIAN SOCIETY OF CORROSION AND MATERIALS PROTECTION



MEĐUNARODNA KONFERENCIJA
INTERNATIONAL CONFERENCE

STECIŠTE NAUKE I PRAKSE U OBLASTIMA KOROZIJE, ZAŠTITE MATERIJALA
I ŽIVOTNE SREDINE

MEETING POINT OF THE SCIENCE AND PRACTICE IN THE FIELDS OF CORROSION,
MATERIALS AND ENVIRONMENTAL PROTECTION

PROGRAM

May 21-24, 2018, Tara Mountain, Serbia

PROGRAM

MONDAY | Ponedeljak 21.05.2018.

10.00-20.00 Registration of the participants | *Registracija učesnika*

17.30-17.45 Opening ceremony | *Otvaranje Konferencije*

Plenary lecture | *Plenarno predavanje*

17.45-18.25 **Plenary lecture: Vuk V. Radmilović¹, Peidong Yang², Velimir R. Radmilović³, Novel nanostructured materials for energy conversion**, ¹Innovation Centre, Faculty of Technology and Metallurgy, University of Belgrade, Belgrade, Serbia, ²University of California, College of Chemistry, Berkeley CA, USA, ³Serbian Academy of Sciences and Arts, Belgrade, Serbia

18.25-19.05 **Plenary lecture: Trajče Stafilov, Environmental Pollution With Heavy Metals in Different Media in the Republic of Macedonia**, Institute of Chemistry, Faculty of Natural Science and Mathematics, Ss. Cyril and Methodius University, Skopje, Republic of Macedonia

Invited lecture | *Predavanje po pozivu*

19.05-19.30 **Svetomir Hadzi Jordanov¹, Orce Popovski², Celebrating Yucorr's Silver Jubilee: Engineering – Geniality That Indepthed the Mankind**, ¹Faculty of Technology and Metallurgy, UKIM University, Skopje, Macedonia ²Military Academy "General Mihajlo Apostolski" Skopje, Macedonia

19.30 Welcome Reception – COCKTAIL | *KOKTEL*

TUESDAY | Utorak 22.05.2018.

Plenary lectures | *Plenarna predavanja*

09.30-10.10 **Plenary lecture: Jovan N. Jovičević, Underpotential Deposition and One of the Ways to Use it**, University of Belgrade, Institute of Chemistry, Technology and Metallurgy, Department of Electrochemistry, Belgrade, Serbia

Detaljnije informacije o Konferenciji mogu se naći na

<http://sitzam.org.rs/YUCORR/>

- 10.10-10.50 **Plenary lecture: Branimir N. Grgur, Corrosion of steel with polyaniline based composite coatings: Between science and practice**, Faculty of Technology and Metallurgy, University of Belgrade, Belgrade, Serbia
- 10.50-11.10 **BREAK | PAUZA**
- Invited lecture | **Predavanje po pozivu**
- 11.10-11.35 **Enis Džunuzović, Influence of surface modified TiO₂ nanoparticles on thermal properties of poly(methyl methacrylate)**, Faculty of Technology and Metallurgy, University of Belgrade, Belgrade, Serbia
- Oral presentations | **Usmena saopštenja**
- 11.35-11.50 **Ida Kraševac, Helena Prosen, Polar Benzotriazoles in Slovenian Environmental Samples**, University of Ljubljana, Faculty of Chemistry and Chemical Technology, Ljubljana, Slovenia
- 11.50-12.05 **Bojan M. Jokić¹, Biljana Babić², Tanja Barudžija³, Miodrag Mitrić³, Milica Gvozdenović⁴, Investigation of optical properties of the Cu-Mn oxide coatings**, ¹Faculty of Applied Arts, University of Arts in Belgrade, Belgrade, Serbia, ²Institute of nuclear science "Vinča", University of Belgrade, Belgrade, Serbia, ³Institute of Physics, University of Belgrade, Belgrade, Serbia, ⁴Faculty of Technology and Metallurgy, University of Belgrade, Belgrade, Serbia
- 12.05-12.20 **Srecko Stopic¹, Yiqian Ma¹, Brian Mwewa², Sehliselo Ndlovu², Geoffrey Simate², Buhle Xakalashé¹, Bernd Friedrich¹, Hydrometallurgical treatment of acid mine drainage (AMD) solution**, ¹IME Process Metallurgy and Metal Recycling, RWTH Aachen University, Germany, ²School of Chemical and Metallurgical Engineering, University of the Witwatersrand Johannesburg, South Africa
- 12.20-12.35 **Vesna S. Cvetković, Nataša M. Vukićević, Jovan N. Jovićević, Aluminium Electrodeposition onto Glassy Carbon from Deep Eutectic System Made of AlCl₃+Urea**, Institute of chemistry, technology and metallurgy, University of Belgrade, Belgrade, Serbia
- 12.35-12.50 **Prezentacija kompanije FIRESTOP Internacional d.o.o., Nova Pazova**
- 12.50-13.05 **Jana Vidaković, Sandra Latinović, Impact and Importance of Fire Coating Characteristics on Formation of Proper Foam During Coating Expansion | Uticaj i važnost karakteristika**

protivpožarnog premaza za formiranje pravilne pene prilikom ekspanzije premaza, Firestop Internacional DOO, Nova Pazova, Serbia

14.00 PICNIC | RUČAK U PRIRODI

18.00-20.00 POSTER SESSION | POSTER SEKCIJA

1. **Aleksandra Porjazoska Kujundziski¹, Dragica Chamovska², Legislation on Food Contact Packaging Materials**, ¹Faculty of Engineering, International Balkan University, Skopje, R. Macedonia, ²Faculty of Technology and Metallurgy, "Ss. Cyril and Methodius" University, Skopje, R. Macedonia
2. **Afrim Berisha¹, Biserka Dimishkovska¹, Kiril Lisichkov², Todor Anovski², Blagoja Pavlovski², Determination of Methane Emission from Municipal Solid Waste Landfill in the Gilan Region**, ¹"Ss. Cyril and Methodius" University, Institute of Earthquake Engineering and Engineering Seismology, Skopje, R. Macedonia, ²"Ss. Cyril and Methodius" University, Faculty of Technology and Metallurgy, Skopje, R. Macedonia
3. **Elena Anovska-Jovcheva¹, Kiril Lisichkov¹, Dejan Dimitrovski¹, Irena Mickova¹, Kosta Anovski², Stefan Kuvendziev¹, Nauaf Baara³, Todor Anovski¹, Environmental tritium is still an efficient tool in determination the mechanism of recharge and aquifer characteristics of spring waters**, ¹Faculty of Technology and Metallurgy, Univ. ss. Cyril and Methodius, Skopje, Republic of Macedonia, ²Iso Tech Media, Computational Consulting, Skopje, Republic of Macedonia, ³Geological Survey of the Republic of Macedonia, Skopje
4. **Erhan Mustafa¹, Kiril Lisichkov¹, Stefan Kuvendziev¹, Peyman Ghaffari², Mirko Marinkovski¹, Shaban Jakupi³, Optimal Control of Biological Waste Water Treatment System**, ¹Faculty of Technology and metallurgy, University "Ss. Cyril and Methodius", Skopje, R. Macedonia, ²Faculdade de Ciencias da Universidade de Lisboa, Lisboa, Portugal, ³Ministry of Internal Affairs of R. Macedonia, Department of criminal technics, Skopje, R. Macedonia
5. **Nebojša D. Nikolić¹, Kata Berkesi², Nevenka Elezović³, Uroš Lačnjevac³, Miomir G. Pavlović¹, Application of the regime of reversing current (RC) in the second range on formation of the honeycomb-like electrodes of copper**, ¹ICTM-Department of Electrochemistry, University of Belgrade, Belgrade, Serbia, ²National Technical University of Athens, School of Electrical and Computer Engineering, Athens, Greece, ³Institute for Multidisciplinary Research, University of Belgrade, Belgrade, Serbia
6. **Milica Gvozdrenović¹, Miloš Uzelac¹, Branimir Jugović², Enis Džunuzović¹, Bojan Jokić³, Jasmina Stevanović⁴, Branimir Grgur¹, Electrochemical synthesis**

and initial corrosion behavior of *p*-toluensulfonic doped polyaniline on mild steel, ¹University of Belgrade, Faculty of Technology and Metallurgy, Belgrade, Serbia, ²Institute of Technical Science, Serbian Academy of Science and Arts, Belgrade, Serbia, ³Faculty of Applied Arts, University of Arts in Belgrade, Belgrade, Serbia, ⁴University of Belgrade, Institute of Chemistry Technology and Metallurgy, Belgrade, Serbia

7. **Marija Mihailović¹, Jasmina Stevanović¹, Srećko Stopić², Vladimir Panić¹, Bernd Friedrich², Sol-gel processing of ordered MnO₂ structures toward enhanced O₂ reduction catalysis for air batteries,** ¹Institute of Chemistry, Technology and Metallurgy, University of Belgrade, Department of Electrochemistry, Belgrade, Serbia, ²Institut für Metallurgische Prozesstechnik und Metallrecycling, RWTH Aachen University, Aachen, Germany
8. **Sanja Eraković¹, Miroslav M. Pavlović¹, Srećko Stopić², Jasmina Stevanović¹, Vladimir Panić¹, Bernd Friedrich², Improvement of dynamic supercapacitor characteristics of perovskite oxides upon impregnation by RuO₂,** ¹Institute of Chemistry, Technology and Metallurgy, University of Belgrade, Department of Electrochemistry, Belgrade, Serbia, ²Institut für Metallurgische Prozesstechnik und Metallrecycling, RWTH Aachen University, Aachen, Germany
9. **Sanja Eraković, Marijana Pantović Pavlović, Miroslav M. Pavlović, Jasmina Stevanović, Vladimir Panić, Morphological characteristics of anaphoretically obtained hydroxyapatite/titanium dioxide coatings on Ti substrate,** Institute of Chemistry, Technology and Metallurgy, University of Belgrade, Department of Electrochemistry, Belgrade, Serbia
10. **Zoran Janković¹, Miroslav M. Pavlović², Anto Gajić³, Marijana R. Pantović Pavlović², Nebojša D. Nikolić², Jasmina S. Stevanović², Miomir G. Pavlović², Influence of biodegradable matrix on electrical conductivity of copper filled composites,** ¹V&Z Zaštita, d.o.o., Banja Luka, Republic of Srpska, Bosnia and Herzegovina, ²University of Belgrade, ICTM-Department of Electrochemistry, Belgrade, Serbia, ³Rudnik i termoelektrana Ugljevik, Republic of Srpska, Bosnia and Herzegovina
11. **Marija G. Riđošić¹, Milorad V. Tomić¹, Regina Fuchs-Godec², Miroslav M. Pavlović³, Miomir G. Pavlović¹, Impact of current density on the surface roughness of electrodeposited zinc coatings from sulphate baths,** ¹Faculty of Technology Zvornik, University of East Sarajevo, Zvornik, Republika Srpska, ²Faculty of Chemistry and Chemical Engineering, University of Maribor, Maribor, Slovenia, ³ Institute of Chemistry, Technology and Metallurgy, University of Belgrade, Belgrade, Serbia

12. Danijela Rajić, **Dragan Tošković**, Ljubica Vasiljević, **Determination of the Content of Heavy Metals in Herbal Tea From the Republic of Srpska**
University of East Sarajevo, Faculty of Technology, Zvornik, Republic of Srpska
13. **Sanja Dobrnjac**¹, Ljubica Vasiljević², Stevan Blagojević³, Zoran Obrenović⁴, Miladin Gligorić², **Dragan Tošković**², **Adsorption of Free Fatty Acids From Sunflower Oil After Heating**, ¹"Projekt" s.c., Banja Luka, Republic of Srpska, ²University of East Sarajevo, Faculty of Technology, Zvornik, Republic of Srpska, ³ Institute of General and Physical Chemistry, Belgrade, Serbia, ⁴"Alumina" Ltd., Zvornik, Republic of Srpska
14. **Dragan Radonjić**, Darko Vuksanović, Refik Zejnilović, Jelena Šćepanović, **Analysis of the Possibility for Neutralization of Waste Water from Tunnel Using NaCl**, University of Montenegro, Faculty of Metallurgy and Technology, Podgorica, Montenegro
15. **Jelena Šćepanović**, **Dragan Radonjić**, Darko Vuksanović, Vanja Asanović, **Selection of Modern Technology in the Process of Municipal Waste Disposal**, University of Montenegro, Faculty of Metallurgy and Technology, Podgorica, Montenegro
16. **Darko Vuksanović**¹, Petar Živković², Vladan Vučelić³, **Testing the Possibility of Incineration of Sewage Sludge of New Plant for Waste Water Treatment in Podgorica by Selecting Optimal Technology**, ¹University of Montenegro, Faculty of Metallurgy and Technology, Podgorica, Montenegro, ²Medix d.o.o. Podgorica, Montenegro, ³Vodovod i kanalizacija d.o.o. Podgorica, Montenegro
17. **Refik Zejnilović**¹, Darko Vuksanović¹, **Dragan Radonjić**¹, Jelena Šćepanović¹, Nada Marstijepović², **The Impact of Pollutants Due to Work of Crusher Plant to Quality of Air in the Industrial Zone**, ¹University of Montenegro, Faculty of Metallurgy and Technology, Podgorica, Montenegro, ²Ministry of Internal Affairs of Montenegro, Podgorica, Montenegro
18. **Božidarka Arsenović**, Zorana Živić, Ana Mičić, Borislav Pajkić, **Characterization of Bolt Shoulder AX.61972 and AX.61975 from the Aspect of Chemical Composition, Type of Surface Protection and Determination of Production Technology**, „Orao“ a.d., Bijeljina, Republic of Srpska
19. **Regina Fuchs–Godec**¹, Milorad. V. Tomić², Miomir G. Pavlović², **Vitamin K –as a corrosion inhibitor for copper**, ¹Faculty of Chemistry and Chemical Engineering, University of Maribor, Maribor, Slovenia, ²Faculty of Technology Zvornik, University of Eastern Sarajevo, Zvornik, Republic of Srpska
20. **Maja Dent**¹, Regina Fuchs – Godec², **Corrosion Inhibition of Sage Extract on Tinplate in 3% NaCl**, ¹Faculty of Food Technology and Biotechnology

University of Zagreb, Zagreb, Croatia, ²Faculty of Chemistry and Chemical Engineering University of Maribor, Maribor, Slovenia

21. **Aleksandar Jokić, Nataša Lj. Lukić, Nevenka Nikolić, Financial indicators of replacing heating oil by shallow geothermal energy using horizontal heat collectors on location in Serbia**, University of Novi Sad, Faculty of Technology, Novi Sad, Serbia
22. **Dejan Kojić¹, Jelena Pavličević¹, Milena Špírková², Katalin Mészáros Szécsényi³, Ayse Aroguz⁴, Mirjana Jovičić¹, Jaroslava Budinski-Simendić¹, Thermal Stability and Degradation of Polyurethane Elastomers Based on Polycarbonate Diols**, ¹University of Novi Sad, Faculty of Technology, Novi Sad, Serbia, ²Institute of Macromolecular Chemistry AS CR v.v.i., Prague, Czech Republic, ³University of Novi Sad, Faculty of Natural Science and Mathematics, Novi Sad, Serbia, ⁴Istanbul University, Engineering Faculty, Avcilar Campus, Istanbul, Turkey
23. **L. Vrsalović¹, I. Garvanović¹, S. Kožuh², B. Kosec³, M. Bizjak³, I. Ivanić², S. Gudić¹, M. Gojić², Corrosion investigation of rapidly solidified Cu-Al-Ni alloy in NaCl solution**, ¹University of Split, Faculty of Chemistry and Technology, Split, Croatia, ²University of Zagreb, Faculty of Metallurgy, Sisak, Croatia, ³University of Ljubljana, Faculty of Natural Sciences and Engineering, Ljubljana, Slovenija
24. **Marija Petrović Mihajlović, Žaklina Tasić, Milan Radovanović, Ana Simonović, Milan Antonijević, Purine as the inhibitor of copper corrosion in artificial blood plasma**, University of Belgrade, Technical faculty in Bor, Bor, Serbia
25. **Rada Jevtic-Mučibabić, Bojana Filipčev, Olivera Šimurina, Nebojša Ilić, By-Products of Fermentation of Extraction Juice from Sugar Beet in Bioethanol Production**, University of Novi Sad, Institute of Food Technology in Novi Sad, Novi Sad, Serbia
26. **Veljko Đukić, Influences of construction of mini hydropower plants on environment**, PanEuropean University "Apeiron"- Banja Luka, Republic of Srpska, Bosnia and Herzegovina
27. **Veljko Đukić, The possibilities of the application of the "hydroclave" system in the disposal of medical waste**, PanEuropean University "Apeiron"- Banja Luka, Republic of Srpska, Bosnia and Herzegovina
28. **David G. Gogoli, Gigla S. Tsurtsunia, Electrodeposition of Mn-Zn and Mn-Cu Alloys from Sulfate Solution Containing Complexing Additives**, I. Javakhishvili Tbilisi State University, Tbilisi, Georgia
29. **Dragiša Obradović¹, Dragan Obradović¹, Ecological and Economic Importance and Influence of Corrosion**, ¹Faculty for Management, Belgrade, SDIT-HTM Požarevac, Serbia, ²School of agriculture, Požarevac, Serbia

30. **Safija Herenda¹, Edhem Hasković², Electrochemical determination of the inhibition and kinetic properties of oxidoreductase immobilized with L-cysteine,** ¹University in Sarajevo, Department of Chemistry, Faculty of Natural Sciences and Mathematics, Sarajevo, Bosnia and Herzegovina

WEDNESDAY | Sreda 23.05.2018.

Plenary lecture | Plenarno predavanje

10.00-10.40 Plenary lecture: Sanja I. Stevanović¹, Maria Lekka², Alex Lanzutti², Ljiljana S. Živković³, Lorenzo Fedrizzi², Jelena B. Bajat⁴, Corrosion investigation of aluminium alloy protected by coatings containing zirconia and ceria nanoparticles, ¹ICTM-Department of Electrochemistry, University of Belgrade, Belgrade, Serbia, ²University of Udine, Department of Engineering and Architecture of University of Udine, Udine, Italy, ³The Vinča Institute of Nuclear Sciences, University of Belgrade, Belgrade, Serbia, ⁴Faculty of Technology and Metallurgy, University of Belgrade, Belgrade, Serbia

Invited lectures | Predavanja po pozivu

10.40-11.05 Kerstin Forsberg, Eutectic freeze crystallization for resource recovery, KTH Royal Institute of Technology, Stockholm, Sweden

11.05-11.30 Uroš Lačnjevac¹, Rastko Vasilic², Tomasz Tokarski³, Grzegorz Cios³, Piotr Żabiński⁴, Nevenka Elezović¹, Nedeljko Krstajić⁵, Proton-intercalated TiO₂ nanotube arrays decorated with Pd nanoparticles: A novel approach to the hydrogen evolution reaction electrocatalysis, ¹Institute for Multidisciplinary Research, University of Belgrade, Belgrade, Serbia, ²Faculty of Physics, University of Belgrade, Belgrade, Serbia, ³Academic Centre for Materials and Nanotechnology, AGH University of Science and Technology, Krakow, Poland, ⁴Faculty of Non-Ferrous Metals, AGH University of Science and Technology, Krakow, Poland, ⁵Faculty of Technology and Metallurgy, University of Belgrade, Belgrade, Serbia

Oral presentations | Usmena saopštenja

11.30-11.45 Aco Janičijević, Potential Radiobiological Effects on People's Health Due to the Presence of Radon (²²²Rn) and Thoron (²²⁰Rn) Descendants in Housing Facilities, University of Belgrade, Faculty of Technology and Metallurgy, Belgrade, Serbia

- 11.45-12.00** *Nataša M. Vukićević, Vesna S. Cvetković, Jovan N. Jovićević,*
Galvanostatic Electrodeposition of Aluminium onto Aluminium from $AlCl_3+NaCl$ Melt, University of Belgrade, ICTM-Department of Electrochemistry, Belgrade, Serbia
- 12.00-12.15** *Marija Pavlović, Dragana Pavlović, Dragan Čakmak, Milica Marković, Zorana Mataruga, Miroslava Mitrović, Pavle Pavlović,*
Evaluation of urban contamination with Co, Ni and Pb in three urban parks in Serbia using pine (*Pinus nigra* Arnold) needles and urban topsoil, University of Belgrade, Department of Ecology, Institute for Biological Research "Siniša Stanković", Belgrade, Serbia
- 12.15-12.30** **Prezentacija kompanije HELIOS Srbija a.d., Gornji Milanovac**
- 12.30-12.45** **Prezentacija kompanije UNIPROMET d.o.o., Čačak**
- 12.45** **LUNCH BREAK | PAUZA ZA RUČAK**
- Plenary lecture | Plenarno predavanje**
- 16.00-16.40** *Plenary lecture: Borislav N. Malinović¹, Miomir G. Pavlović^{2,3}, Tijana Đuričić¹, Draženko Bjelić⁴, Dragana Nešković Markić⁴,*
Electrochemical Treatment of Leachate: A Case Study for Sanitary Landfill „Ramici“, Banja Luka, ¹University of Banja Luka, Faculty of Technology, Banja Luka, Bosnia and Herzegovina, ²University of East Sarajevo, Faculty of Technology, Zvornik, Bosnia and Herzegovina, ³University of Belgrade, Institute of Chemistry, Technology and Metallurgy, Belgrade, Serbia, ⁴JP Depot, Banja Luka, Bosnia and Herzegovina
- Oral presentations | Usmena saopštenja**
- 16.40-16.55** *Marija Janačković¹, Milica Gvozdrenović², Branimir Grgur²,*
Electrical characteristics of polypyrrole based electrochemical secondary power sources, ¹University of Pristina, Faculty of Technical Sciences, Kosovska Mitrovica, Serbia, ²University of Belgrade, Faculty of Technology and Metallurgy, Belgrade, Serbia
- 16.55-17.10** *Marija Riđošić^{1,2}, Eva Garcia Lecina³, Asier Salicio Paz³, Ljiljana Živković⁴, Jelena Bajat², Milorad Tomić¹,*
Electrodeposition and corrosion evaluation of Zn-Co-CeO₂ nanocomposite, ¹Faculty of Technology, University of East Sarajevo, Zvornik, Republic of Srpska, ²Faculty of Technology and Metallurgy, University of Belgrade, Belgrade, Serbia, ³CIDETEC Surface Engineering, San Sebastian, Spain, ⁴The Vinča Institute for Nuclear Sciences, University of Belgrade, Belgrade, Serbia

- 17.10-17.25** *Abdul Shaban¹, Judit Telegdi^{1,2}, Đendi Vaštag³, Corrosion inhibitors encapsulated into micro or nano containers,*
¹Research Centre for Natural Sciences of the Hungarian Academy of Sciences, Institute of Materials and Environmental Chemistry, Budapest, Hungary, ²Óbuda University, Faculty of Light Industry and Environmental Engineering, Budapest, Hungary, ³University of Novi Sad, Faculty of Sciences, Department of Chemistry, Biochemistry and Environmental Protection, Novi Sad, Serbia
- 17.25-17.40** *Željko Krivačević, Dejan Grgić, Slaviša Gavrilović, Aleksandar Pešić, Cathodic protection of the crude oil steel tank |* Katodna zaštita poda čeličnih rezervoara za sirovu naftu, JP Transnafta, Pančevo, Serbia
- 17.40-17.55** **Prezentacija kompanije JP EPS OGRANAK DRINSKO-LIMSKE HE “BAJINA BAŠTA”, Bajina Bašta**
- 17.55** **CLOSING CEREMONY | ZATVARANJE KONFERENCIJE**
- 20.30** **GALA DINNER | SVEČANA VEČERA**

THURSDAY | Četvrtak 24.05.2018.

09.00-13.00 **EXCURSION | IZLET – Registration on Conference desk is mandatory | Obavezna prijava na pultu za registraciju.**

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ПОВОДОМ 150 ГОДИНА САВЕЗА ИНЖЕЊЕРА И ТЕХНИЧАРА СРБИЈЕ

Корени српске техничке цивилизације почињу још у средњем веку у доба Немањића. Зачеци инжењерства су у рударско-металуршким подухватима као што је значајни рудник Ново Брдо и грађењу величанствених сакралних и других објеката.

Обнављањем српске државе после вишевековне Отоманске власти и стварањем модерне државе у 19. веку оживело је и инжењерство у Србији. Инжењери се тада претежно школују у Аустроугарском царству и у Француској. Већ 1868. године 3. фебруара била је основана „Техничарска дружина“ која је претеча данашњег Савеза инжењера и техничара Србије.

Инжењерски Савез је за својих 150 година пролазио кроз разне мене, али је стално био активан и друштвено препознатљив. Многи значајни инжењери и научници свих струка су били и сада су активни чланови. Први председник је био архитекта и урбаниста Емилијан Јосимовић, а истакнути почасни члан Никола Тесла.

Врло значајан моменат у раду и афирмацији Савеза је била изградња зграде Дома инжењера Србије 1936. године и новог Дома инжењера „Никола Тесла“ 1967. године. Средства за изградњу домова су обезбеђивали инжењери, привредници и добротвори чиме је инжењерска интелигенција исказала значај и вољу за окупљањем и деловањем кроз форму удружења и савеза као израз стручног, научног и интелектуалног, те критичког ангажовања.

Савез данас има преко четрдесет, што струковних, мултидисциплинарних, тематских, градских и регионалних чланица. У његовом саставу је Развојни центар, као и Инжењерска академија Србије. Активности су разноразне: окупљање, дебате, конференције, издаваштво, сарадња са другим струкама и удружењима, одржавање стручних испита, изложбе, рад са студентима, средњошколцима, младим истраживачима.

Чланство Савеза броји више хиљада инжењера из свих градова и општина Србије. Савез и његове чланице су невладине организације, које се самофинансирају из својих активности и чланарине.

Значај и улога Савеза у друштву су велики и у Србији и у широј европској и светској инжењерској заједници, што се очитује кроз видове чланства у међународним, сродним, организацијама, те у домаћем амбијенту кроз афирмацију знања и сарадњу са другим удружењима, државним органима, привредом, школством и нарочито по бројности и квалитету својих чланова.



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