

**This issue is dedicated to the fifteenth anniversary of the election of
Professor Emeritus at the University in Novi Sad.**

Publication of this issue is financially supported by



the Provincial Secretariat for Higher Education and Scientific Research of the
Autonomous Province of Vojvodina

Editorial

This issue of the *Journal of the Serbian Chemical Society – JSCS* honors the jubilee anniversary, marking 15 years since the title Professor Emeritus of the University of Novi Sad was first bestowed. We express our sincere gratitude to the Editor-in-Chief and Editorial Team of JSCS for accepting the special concept of this issue, which aims to promote research results across multiple fields, with a particular emphasis on interdisciplinary collaboration.

The title of Professor Emeritus was established in Serbia in 2005 by the Law on Higher Education as a distinguished honor for exceptional achievements in academic career and contributions to affirming the home institution both nationally and internationally, mirroring a long-standing practice and tradition of universities worldwide. After the adoption of the University of Novi Sad Statute and the regulations outlining criteria and procedures, the title of Professor Emeritus of the University of Novi Sad was inaugurated in 2008, honoring six of our colleagues with remarkable academic careers. Since then, it has been bestowed upon 52 esteemed professors from 11 Faculties. The inclusion of all educational-scientific and artistic fields has fostered an innovative environment and catalyzed collaboration, facilitating the exchange of experiences, strengthening interdisciplinary bonds and underscoring a commitment to holistic research approaches.

Following the initiative of the professors emeriti, the Association of Professor Emeritus of the University of Novi Sad was founded in 2017 through the decision of the Senate and the Council of the University, with its activities commencing upon the election of the Presidency in 2018. In brief, its mission is defined by the following key objectives: evaluating curricula development and research trends at both national and international levels; promoting interdisciplinarity as a challenge of the modern era; facilitating the promotion and dissemination of scientific and artistic achievements within the academic and wider community; and fostering collaboration and networking between academic and other institutions on both national and international scales.

The five years of the Association's work are characterized by a myriad of activities. During this time, over 20 presentations and interactive workshops, led by distinguished national and international scientists and experts from various

fields, were organized, all open to the general public. Among the presenters and workshop moderators were many prominent members of the Serbian academic community, alongside colleagues from the USA, China, Germany, Slovenia, Great Britain, Portugal, Poland, Croatia, New Zealand, Italy and Canada, each possessing exceptional reputations and international experience. Additionally, six projects, supported by the Secretariat for Higher Education and Scientific Research of the Autonomous Province of Vojvodina, were undertaken, encompassing a variety of activities aimed at addressing key contemporary academic and research challenges and fostering institutional cooperation and networking. Undoubtedly, the unwavering support of the Rectorate and professional services of the University of Novi Sad and its Faculties significantly contributed to the realization of the Association's activities.

The publication of this special issue of the *Journal of the Serbian Chemical Society* marks a significant step toward accomplishing the Association's objectives. In conceptualizing its content, the experiences gained from activities aimed at acquainting a broader audience with scientific findings across various fields played a crucial role, further motivating the recognition of the importance of exchanging ideas and making connections between different professions to pave the way to pioneering new research avenues. This issue features papers spanning natural, technical-technological, medical, and social sciences, authored by colleagues who have embraced an interdisciplinary approach to their research. It constitutes a diverse compilation of scientific inquiries, firmly grounded in the fundamental scientific fields covered by the Journal and situated within an interdisciplinary context, thereby contributing to transcending conventional boundaries in the application of research findings. This issue also promotes the continual research engagement of professor emeriti, who co-authored the papers, and their collaboration with researchers of various backgrounds and expertise, including young scholars. The diverse authorship, representing numerous academic and research institutions, underscores the importance of fostering collaboration and knowledge exchange in tackling the contemporary challenge of rapid science and technology development.

Prof. Emerita Dr. Mirjana Vojinović Miloradov and Prof. Emerita Dr. Radmila Marinković-Nedučín, leading members of the Presidency of the Association of Professors Emeritus of the University of Novi Sad, have been appointed as guest editors for this issue, which was a special honor. We thank all contributors and young researcher supporting team for their efforts, as well as the Secretariat for Higher Education and Scientific Research of the Autonomous Province of Vojvodina for the financial support in realizing this issue.

Guest Editors

Prof. Emer. Dr. Mirjana Vojinović Miloradov
University of Novi Sad, Faculty of Technical Sciences

Prof. Emer. Dr. Radmila Marinković-Nedučín
University of Novi Sad, Faculty of Technology

Prof. Emerita Dr. Mirjana Vojinović Miloradov initiated this issue and played a pivotal role in shaping it with unparalleled dedication. With profound sadness, we bid farewell as she departed at the very end of its preparation, but her exceptional contribution will always be remembered. Being the first name on the list of elected professors' emeriti in 2008, her remarkable academic career, coupled with her steadfast adherence to the highest academic and ethical standards, epitomizes the noble ideals embodied by this title.

Prof. Emer. Dr. Radmila Marinković-Nedučín