

In memoriam

Professor Vladimir Katić, PhD

(1954–2026)

It is with deep sadness that we inform the readership, authors and contributors of our journal that, following a brief but severe illness, Professor Vladimir Katić, PhD, Chairman of our Editorial Board, passed away in early April 2026.

Professor Katić graduated in 1978 from the Faculty of Technical Sciences (FTN) in Novi Sad, obtained his MSc in 1981, and his PhD in 1991 from the Faculty of Electrical Engineering in Belgrade. He was an outstanding scientist and educator, a highly respected professor at FTN in Novi Sad, and served several terms as Vice-Dean.

Over the course of his remarkable career, he published more than 600 scientific papers and authored 22 monographs and textbooks. With close to 2,100 citations and an *h*-index of 20 (according to Google Scholar), Professor Katić was one of the most influential researchers in the fields of power electronics and power quality, renewable energy sources, and electric vehicles. As a reviewer with more than 500 recognised reviews, he was highly esteemed within the editorial boards of the world's most prestigious scientific journals.

Professor Katić left an indelible mark on both the academic and professional communities. Through his dedicated work, exceptional knowledge and vision, he made a significant contribution to the development of electrical engineering, as well as to the international standing of our scientific community. He initiated and for many years organised numerous scientific conferences, most notably the "Power Electronics" conference, which helped place our universities and experts firmly on the global scientific map.

As an IEEE Life Member, Professor Katić embodied lifelong dedication to the engineering profession. Until his final days, he remained active as Chair of the IEEE Life Member Affinity Group. For many years, he also chaired the IEEE Joint Chapter for Industry Applications, Industrial Electronics and Power Electronics (IE-13/IA-34/PEL-35), where, through his expertise, authority and organisational skills, he successfully bridged academia and industry. From 2006 to 2010, he served as Chairman of the IEEE Serbia and Montenegro Section.

He was a member of the executive boards of international associations such as EPE (Brussels) and PEMC (Budapest). He chaired numerous conferences, among which EPE-PEMC 2012 ECCE Europe stands out, placing Novi Sad and Serbia at the centre of the global power electronics community.



UDC: 621.3:929 Katić V.

The last major event in this field that Professor Katić organised and led was the XXIII International Symposium on Power Electronics (Ee 2025), held from 8 to 10 October 2025 in Belgrade and Novi Sad.

As one of the most distinguished experts in the field, he was the founder and president of the Power Electronics Society of Serbia, and also served as president of the ETRAN Society, where he devoted his knowledge, energy and organisational skills to maintaining continuity and advancing one of the most significant scientific conferences in the region.

He also served for many years as Chairman of Expert Commission 2 – *Power Quality in Electricity Distribution Systems* – of the Serbian National Committee of CIRED, of which he was a founder and a member of its Executive Board. He made an outstanding contribution to this area of power engineering, to the work and development of this association, and to the advancement of the conferences it has organised over the past three decades.

Since the relaunch of the journal *Elektroprivreda* in 2023, Professor Katić had headed its Editorial Board, making a major contribution to the effort to revive, establish and continuously develop the publication. Until his final days, he remained actively involved in preparing this very issue, never revealing that he was battling a serious illness. His passing therefore came as a shock to all his colleagues and collaborators, making the loss all the more profound and irreplaceable. To all who had the honour and privilege of working with him, however, even such dedication comes as no surprise, as Professor Katić was distinguished by immense energy, selflessness, commitment to the advancement of science and the profession, as well as by kindness, composure, dignity and quiet strength. In the very same way he lived and worked, he departed this worldly life, leaving behind an enduring legacy and, to all who knew him, a sense of loss and many cherished memories.

With deep respect and gratitude,
the Editorial Board

Attached to this memorial and brief overview of the career and works of Professor Vladimir Katic, we provide an extract from his extensive bibliography

Excerpt from the Bibliography of Professor Vladimir Katić

Books, textbooks and monographs (in Serbian):

1. **Vladimir Katić**, Energetska elektronika 1: Komponente i AC/x pretvarači, univerzitetski udžbenik, Fakultet tehničkih nauka, Novi Sad, 2020, ISBN: 978-86-6022-243-7
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2. Nebojša Horvat, Dušan B. Gajić, Petar Trifunović, Veljko B. Petrović, Dinu Dragan, **Vladimir A. Katić**, "Performance Evaluation of a Distributed Ledger-Based Platform for Renewable Energy Trading", *IEEE Access*, Vol. 14, 19.06.2024, pp. 86013-86033, DOI: [10.1109/ACCESS.2024.3416612](https://doi.org/10.1109/ACCESS.2024.3416612)
3. **Vladimir Katić**, "PV Solar Energy Supply in Smart Cities", *IPSI Transactions on Internet Research*, Vol.18, No.1, April 2022, pp. 28-33, DOI: [10.58245/ipsi.tir.22jr.06](https://doi.org/10.58245/ipsi.tir.22jr.06)
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Sources of data for the Excerpt from the Bibliography:

ORCID: <https://orcid.org/0000-0002-0138-8807>

COBBIS PLUS, <https://plus.cobiss.net/cobiss/sr/sr/search/cobib?q=Vladimir+Katic>

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Publication (in Serbian) „Srpski naučnici u energetskej elektronici”, Chapter: „Kvalitet električne energije – Međunarodni simpozijum Energetska elektronika – Doprinos profesora Vladimira Katića”, Catalogue No. 43 of the Gallery of Science and Technology of Serbian Academy of Science and Art, SANU, 2020, pp. 40-41, Biography and References, link: <http://esp.etf.rs/cvkatic.pdf>

Prepared by:

Vladimir Šiljkut, PhD, Dipl. El. Ing.