

## Short CV of Velimir R. Radmilović (related to Nomination for 2017 Serbian MRS Award)

Velimir Radmilović is widely recognized as a distinguished researcher in several areas of Material Science and Engineering, particularly in the fields of Physical Metallurgy, Phase Transformations, Nanoscience and Nanotechnology.

He obtained his Ph.D. in Physical Metallurgy from University of Belgrade in 1985. In 1986 he joined Department of materials science, University of California at Berkeley, as a postdoctoral research associate before taking faculty position at University of Belgrade in 1987, as an assistant professor, where he became associate professor in 1991 and full professor in 1995. In 1987, he was invited to be a visiting assistant professor at University of California, Berkeley. In 1992 he was visiting research professor at the Department for Materials Science and Engineering, University of Pittsburgh, Pennsylvania. From 1999 through 2010 he was staff scientist and principal investigator at the National Center for Electron Microscopy, Lawrence Berkeley National Laboratory, and member of a team for development and implementation of the next generation transmission electron aberration-corrected microscopes (TEAM Project). In 2010, he returned to University of Belgrade.

His research interest focuses on fundamental aspects of solid state phase transitions and interfaces, structure-property relationships in engineering materials, application of high resolution electron microscopy and spectroscopy, supported by computer modeling and simulation, in study of nanomaterials at atomistic scale, including nanowires, thin films for micro electro-mechanical and nano electro-mechanical systems (MEMS and NEMS), graphene, carbon nanotubes, carbon nanotube based nanocomposites and devices, thermoelectrics, catalysts, core/shell nanostructures, solar cells, etc. He has 222 publications in peer reviewed international journals and 251 in proceedings of international conferences, 167 invited talks, organized numerous symposia at national and international meetings, 21 project for industry, 25 industrial consulting engagements, and several issued or pending patents. According to Google Scholar scientific database his work has been cited 7950 times with h index of 42 (Scopus: 6614/39; Web of Science: 5340/34). He has published numerous papers in leading peer review journal such as *Acta Materialia* (9), *Scripta Materialia* (9), *Nature family journals* (3), *Applied Physics Letters* (12), *Nano Letters* (5), *ACS Nano* (2), *Nanotechnology* (4), etc., which puts him among top few percent performers in his field. Velimir is author or coauthor of 12 papers cited between 100 and 900 times.

Velimir Radmilović is recipient of many awards including: Fulbright Scholar, Outstanding performance award from Lawrence Berkeley National Laboratory-University of California at Berkeley, the Belgrade City Award for Natural and Technical Sciences, The European Microscopy Society Outstanding Paper Award, the best lecturer award, the Most successful scientist award given by the Ministry of Science and Education of Government of Serbia, Honorary member of Academy of Engineering Sciences of Serbia (AISS), and Corresponding member of Serbian Academy of Sciences and Arts (SASA).

Velimir has done service to the scientific and academic communities in former Yugoslavia, Europe and US. He used to be the Chair of the Physical Metallurgy Departmental at the Faculty of Technology and Metallurgy, Belgrade University. During his stay at Berkeley he has maintained close ties and active collaboration with scientists in Serbia, Slovenia and Montenegro, and has been helping scientists from Europe (mostly from the Balkan region) in developing scientific proposals, sitting on M.Sc. and Ph.D. thesis committees, and including personal donations, such as journals and books. He has chaired and taught in several workshops at Berkeley and in Belgrade, and helped to organize and chair several conferences, including Yucomat for the last 20 years. He is a reviewer for the leading international scientific journals, as well as for funding agencies in US and Europe.