



Editorial Note

Special Issue: Professor Marek Bryjak, A Remarkable Person, Educator, Mentor, and A Dear Friend

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Professor Marek Bryjak is working at Wroclaw University of Science and Technology (WUST), Poland where he graduated in 1977, received his Ph.D. in 1982, and was awarded a DSc degree in 2001 for studies on the application of polymers to separation processes. He underwent a post-doctoral fellowship at the Centre for Surface Science, Lehigh University, USA between 1989 and 1991. He was promoted to a Professor position in 2010 at WUST. Since 1982, he has been an active employee of the Faculty of Chemistry at the Wroclaw University of Technology. Between 2001 and 2005, he was the Head of the Department of Polymer Physical Chemistry, and after organizational changes, in 2005-2007, he was the head of the Department of Polymer and Carbon Materials. In the years 2008-2016, he became the deputy manager, and in the period 2016-2019, he resumed the function of the manager of this unit. In the years 2005-2012, he was the proxy of the Dean of the Faculty of Chemistry for part-time studies. In the years 2018-2020, he chaired the Commission for Academic Degrees in the discipline of Chemical Engineering and served as the Head of the chemical engineering education discipline at the Doctoral School of WUST. He has supervised about 100 Ph.D. and MSc theses.

Professor Marek Bryjak was the President of the Membrane Section of the Polish Chemical Society. He contributes substantially to the activities of the Polish Membrane Society. He is currently a member of the European Center for Innovation and Technology along with the Center for Advanced Materials and Nanotechnology.

Professor Marek Bryjak is one of six outstanding researchers from WUST who received the status of **professor magnus** from the rector in 2022. This title was awarded in recognition of his contribution to universal science and WUST.

He has visited many academic institutions such as the University of Calabria and Torino University (Italy), Minho University (Portugal), Ege University, Hacettepe University and Izmir Institute of High Technology (Turkey), Imperial College, London and Loughborough University (UK), Stellenbosch University and University of Western Cape (South Africa), The University of Kitakyushu (Japan), University of Concepcion and University of Santiago (Chile), University of Bratislava (Slovakia), Institute of Chemical Technology

Prague and Technical University of Liberec (Czechia), WETSUS European Centre of Excellence for Sustainable Water Technology (the Netherlands) and established some collaborations with researchers in these institutions.

Professor Bryjak authored about 352 publications, including 142 scientific papers in journals according to WoS. His scientific works are well recognizable, as evidenced by their number of citations amounting to more than 6150 times and his h-index is 41 (Google Scholar citations). He is co-editor of three scientific books published by well-known publishers (CRC and Elsevier). They are “The Global Arsenic Problem: Challenges for Safe Water Production” (CRC, 2007), “Boron Separation Processes” (Elsevier, 2015), and “Innovative Materials and Methods for Water Treatment” (CRC, 2017). He is also the Editor of one book published by the Wroclaw University of Science and Technology: “The Impact of Membrane Technology to Human Life” (PWr., 2003). He is also the author of several book chapters for books including “Encyclopedia of Membrane Technology” (Wiley), “Membrane Modification” (Elsevier), “Membranes for Membrane Reactors” (CRC), “Geothermal Water Management” (CRC), and in “60-Years of the Loeb-Sourirjan Membrane” (Elsevier).

Professor Bryjak collaborated with various institutions in different countries and coordinated dozens of national and international projects. He organized Permea 2005 (2nd Membrane Science and Technology Conference for Visegrad Countries) and the Membrane Summer School 2004 (in Szklarska Poreba) and 2019 (in Wroclaw), Poland. He gave about 60 invited lectures at various events.

His scientific interest is focused mostly on the development of methods for the synthesis of polymeric membranes and their surface modification by plasma treatment, preparation, and evaluation of novel separation materials and implementation of these materials to water technology and energy production.

Journal of Membrane Science and Research honored **Professor Marek Bryjak** for his influential studies and contributions to **Membrane Science and Technology** at the international level. This special issue was created

with some contributions of scientists including Professor Bryjak's friends, collaborators, and former students who worked with him. With this special issue, we celebrate Professor Marek Bryjak's 70th birthday. We would like to thank Professor Bryjak for not only his pioneering contributions to the field of membrane science and technology, but also for his kindness, warmth, and placatory nature. He has been an inspiration for many membrane scientists and young people working in membrane science in different countries. On behalf of all the authors, we wish Professor Marek Bryjak good health, and many more years of scientific success.

Last, but not least, we would like to express our gratitude to the reviewers of the papers for their time to review the submitted manuscripts and for their valuable comments, Prof. Ali Kargari, Editor-in-Chief of the Journal of Membrane Science and Research, and the officials, journal developers, and editorial assistants of for their great help during the organization of this special issue.