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Dr. Milos B. Djukic is an Associate Professor in the Department of Engineering Materials and Welding & Welding and Welded Structures Module at University of Belgrade, Faculty of Mechanical Engineering, Serbia and Lecturer at the International Welding Engineers (IWE) course at University of Belgrade, Faculty of Mechanical Engineering as an IIW ATB in Serbia. He is a specialist in the field of hydrogen embrittlement of metallic materials, materials science, and engineering, materials characterization, corrosion science and engineering and environmental damage mechanisms. He has more than 20 years of teaching and research experience and is the author/co-author of 3 books, 5 book chapters, and 52 refereed scientific papers, 120 papers published in the proceeding, and ~ 150 studies, reviews, reports, and expertise for industrial partners. The last book chapter (co-authored with Prof. Branko Popov and Prof. Jong Won Lee), entitled: “Hydrogen Permeation and Hydrogen-Induced Cracking” in the “Handbook of Environmental Degradation of Materials” was published by Elsevier in 2018. He presented more than 70 conference papers on the National and International Conferences. In 2014 he participated as an External expert – Contributor to the document titled: "The Draft for Development of an International Curriculum on Hydrogen Safety Engineering", e-Academy of Hydrogen Safety by European Commission. From 2014 – present, he is an External Peer Reviewer for research projects, Research Foundation Flanders (FWO), Belgium, and The Dutch Research Council (NWO). From December 2015 - present, he is a participant in Hydrogen Safety Engineering course preparation - Principles of Hydrogen Safety, Ulster University, United Kingdom. He was a Keynote Speaker on the “Materials Science and Engineering (MSE)

2018 Conference", "Environmentally assisted cracking of high-strength alloys Symposium" - topic hydrogen embrittlement, Darmstadt, Germany and he was also an Invited Speaker on the "13th International Conference on Diffusion in Solids and Liquids, DSL 2017", Vienna, Austria, and on the "CORROSION 2015 Conference", RTS: "Environmentally Assisted Cracking", Texas, US. He was an External Ph.D. Thesis Examiner - topic hydrogen embrittlement of steels in 2017 at the University of Queensland, School of Mechanical and Mining Engineering, Australia. Recently, in May 2019 he was a Ph.D. Thesis Examiner - topic hydrogen embrittlement of iron at the ISAE-ENSMA, Département Physique et Mécanique des Matériaux, Université de Poitiers, France. During his visit to France, he presented the invited talk titled: "The synergistic action and interplay of hydrogen embrittlement mechanisms in steels and iron: Localized plasticity and decohesion" at the ISAE-ENSMA. He was the Member of the Scientific Advisory Committee of 14th International Conference on Fracture (ICF14), Rhodes, Greece in 2017. He was also a Co-Organizer of a Special Symposium: "Fatigue and Fracture in Aggressive Environments: Mechanisms and Risk Assessment" - Hydrogen Embrittlement Topic on the 14th International Conference on Fracture (ICF14). In 2018 he was an organizer (chair) of a Special Symposium titled "Recent Advances on Hydrogen Embrittlement Understanding" during the 22nd European Conference on Fracture - ECF22, Belgrade, Serbia. He is a member of the Editorial Board of two international journals: Frattura ed Integrità Strutturale, and Structural Integrity and Life (ISSN: 1451-3749). He was from 2014-2015, a Guest Associate Editor in the corrosion research section - topic: Hydrogen Embrittlement Mechanisms of an open access Frontiers in Materials Journal (ISSN: 2296-8016). He is a verified peer reviewer for 22 international journals including: Acta Materialia (ISSN: 1359-6454), Scripta Materialia (ISSN: 1359-6462), International Journal of Hydrogen Energy (ISSN: 0360-3199), Materials (ISSN: 1996-1944), Corrosion (ISSN: 0094-4289), Engineering Fracture Mechanics (ISSN: 0013-7944), Engineering Structures (ISSN: 0141-0296), Applied Sciences (ISSN: 2076-3417), Coatings (ISSN: 2079-6412), Journal of Mechanical Science and Technology (ISSN: 1738-494X) and twelve more. This year (2019), he is a Managing Guest Editor of Engineering Fracture Mechanics journal (ISSN: 0013-7944) by Elsevier, special issue (VSI) titled: "Recent Advances on Hydrogen Embrittlement Understanding and Future Research Framework". In May 2018, he was an invited participant at a Hydrogen/Material Interaction workshop organized at the University of Ghent, Belgium. From 2018 he is Member of the Working Group at the Center for Investigation of Accidents in Transport of the Republic of Serbia. His book for Elsevier (topic: Hydrogen embrittlement) was accepted for publication during 2019: Popov B.N., Lee J-W., Djukic M.B., "Hydrogen embrittlement theory and prevention of hydrogen damage in metals and alloys, in preparation, Elsevier, (2020). His proposal for a critical review paper in the prestigious scientific journal: International Materials Reviews, ISSN: 0950-6608 (Impact Factor: 21.086 - JCR 2017, CiteScore 2017: 17.47) published by Taylor & Francis, with the team of top international experts in the field hydrogen embrittlement, was accepted for publication during 2019. He has received funding from the Ministry of Education, Science and Technological Development of the Republic of Serbia and Electric Power Industry of Serbia, Serbia, CEATI International Inc., Canada and from SaskPower and Nova Scotia Power companies from Canada.