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Research areas: Physical vapour deposition (PVD), Wire-and arc additive manufacturing (WAAM), Laser metal deposition (LMD), materials characterization, failure analysis

Research keywords: cathodic arc evaporation, magnetron sputtering, diamond-like carbon coatings, PVD multilayers, aluminium alloys, electron microscopy, X-ray diffraction, wear, mechanical testing

h-index: 17 (Scopus, Aug 2025); 20 (Google Scholar, Aug 2025)

Citations: 908 total citations (Scopus, Aug 2025); 1165 total citations (Google Scholar, Aug 2025)

Martin Sahul is a senior researcher at the Slovak University of Technology (STU) in Bratislava, affiliated with the Institute of Materials Science within the Faculty of Materials Science and Technology in Trnava, Slovakia. He completed his doctoral studies in Materials Engineering at the Slovak University of Technology in Bratislava in 2013. His research interests include materials science and engineering of hard and wear-resistant PVD coatings, welding processes, and additive manufacturing (WAAM, LMD). He also specialises in analysing materials using electron microscopy and X-ray diffraction. Dr. Sahul is a leading researcher in many national and bilateral international research projects. He has a strong collaboration with universities and companies in Slovakia and abroad. According to the Scopus database, he is the author or co-author of 103 articles.