Radenka Maric, Ph.D.

University President at University of Connecticut

Storrs, CT, US

Dr. Maric researches novel materials for fuel cell & battery manufacturing, nanomaterials, sensors, hydrogen generation & biofuels.

Biography

Dr. Radenka Maric was named UConn's 17th University President in September 2022. Dr. Maric?s research interests include the effect of structure, defects, and microstructure on transport and electrical properties of surfaces and interfaces. In particular, she is interested in developing novel materials for fuel cells, batteries and biosensors, durability study, any of the shortcomings of traditional vapor deposition techniques while yielding equal or better quality coatings at a lower cost. RSDT not only provides high quality active films/coatings (e.g., catalysts/electrodes/ thermal barriers coating), it also reduces the manpower, energy consumption and a number of processing steps required to assemble these films. More specifically, RSDT combines materials synthesis and deposition into a single step with several control features, replacing at least five unit operations in a conventional electrode manufacturing scheme. performance and life prognosis, aging, material state changes, and long term behavior. She developed the Reactive Spray Deposition Technology (RSDT), a thin-film deposition process.

Areas of Expertise

Sustainable Energy Technologies , Nanomaterials Engineering, Sensors, Sustainable Energy, Manufacturing, Fuel Cells, Batteries

Education

University of Kyoto

Ph.D.

Accomplishments

University President

Dr. Maric was selected as the University of Connecticut's 17th President by the Board of Trustees on September 28, 2022.

Interim President, University of Connecticut

Radenka Maric, a distinguished UConn faculty member who has led UConn?s surging research enterprise to new heights as an administrator, was named UConn?s new interim president.

UConn Board of Trustees Distinguished Professor
The University's most prestigious faculty title, candidates must excel in all three areas of research, teaching, and public engagement.
