



17th International Conference of Surfaces, Coatings
and Nanostructured Material | **NANOSMAT2026**
RHODES-GREECE | 6-10 JULY 2026
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SHORT BIO:

Professor Jawwad Arshad Darr is Professor of Materials Chemistry at University College London (UCL). He has authored over 230 publications in advanced functional materials, including catalysts and batteries (h-index 60, ~12k citations, Google Scholar), holds three patents, and has successfully supervised more than 50 PhD students (as of 2025). He currently serves as Vice-Dean (Enterprise) in UCL's Faculty of Mathematical and Physical Sciences, where he supports the faculty's engagement with industry and promotes industry-relevant academic training.

Professor Darr maintains strong research collaborations with industrial partners and is a regular invited speaker at academic conferences and industrial forums across a wide range of materials science and energy-related topics. His research and teaching activities span green chemistry, advanced functional materials, and sustainable energy technologies, and he frequently delivers outreach lectures both in the UK and internationally.

In 2017, he co-founded the UK-Pakistan Science and Innovation Global Network (UPSIGN) charity (<www.upsign.org.uk>), which fosters collaboration between British Pakistani and Pakistani academics. Through UPSIGN, he contributes to public engagement workshops, academic training initiatives, and programs designed to support underprivileged undergraduate Black and minority Asian students in research.