



16th International Conference on Surfaces,
Coatings and Nanostructured Materials

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SHORT BIO:

Dr Ijaz has received his M.Sc. in Optoelectronic and Communication Engineering from Northumbria University at Newcastle upon Tyne, UK in 2009. He has also been awarded Northumbria University studentship to pursue his Ph.D. He was awarded his PhD degree in 2013 at the same Northumbria University, UK for his research work in Free-Space Optical (FSO) Communications. He also worked as Research Fellow in Visible Light Communication/LiFi at University of Edinburgh, UK between 2013-15.

Dr Ijaz is currently working as Reader (Associate Prof.) and International Lead at Department of Engineering, Manchester Metropolitan University, UK.

He is also head of Laser and Optics Communication (LOC) lab from 2017 at the department where he is leading applied research and has been working with a number of industries, technopreneurs, international collaborators and successfully leading knowledge transfer partnership projects funded by Innovate UK in the areas of optical wireless communications, embedded systems, IoT, cloud, communication networks 6G, digital signal processing and smart sensors design and secure more than £900K funding from 2020-2023. He has an exciting publication record (85 in total) with high quality journals mostly in Quartile 1, one book chapter, and high-quality conference papers.