



**Prof. James Walsh**

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**Prof. James Walsh** is a professor of Low Temperature Plasma (LTP) science within the York Plasma Institute at the University of York, UK. He leads the LTP research strand, which includes four academic members of staff with research interests spanning fundamental plasma processes through to applied plasma science in diverse applications including semiconductor fabrication and agriculture. James received his PhD in 2008 from Loughborough University in the UK and has co-authored over 100 papers in international scientific journals, primarily focusing on the generation, diagnostics, and application of atmospheric pressure plasmas. His recent efforts have focused on the use of LTP in agricultural applications, ranging from the microbial disinfection of food-contact surface through to the direct treatment of complex 3D food products.