



Contribution ID: 31

Type: not specified

Bio-interfaces and Nanostructure in Liquid Metal Systems

Friday, 1 November 2024 11:30 (30 minutes)

Associate Professor Aaron Elbourne is a Mid Career Research Fellow, and Australian Research Council DECRA fellow within the School of Science at RMIT University. He currently holds a Jack Brockhoff Foundation Early Career Medical Research Fellowship, ARC DECRA and DP, and is a leader within RMIT's ECR network. He obtained his PhD in Chemistry in 2017 from The University of Newcastle, Australia under the supervision of Professor Erica J. Wanless. He began his postdoctoral fellowship in February of 2017. His early research focused on molecular-resolution atomic force microscopy (AFM) imaging, with an emphasis on fundamental ion adsorption at the solid-liquid interface. His current research has 'shifted-gears' focusing on anti-microbial surface and particle technologies, bio-interfacial studies, and liquid metal systems. He has a passion for research with real-world application and for industrial translation.

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