

# Advanced Materials Workshop and Networking Event 2022



ARC Research Hub for  
**GRAPHENE  
ENABLED  
INDUSTRY  
TRANSFORMATION**



**Tuesday 22 Feb 2022, 9am-12:30pm  
Exhibition Hall at the National Wine Centre**



## Advanced Materials Workshop and Networking Event 2022: Research and Applications of Nanomaterials and Chemical Engineering Processes

### PROGRAM

<b>Welcome and Plenary Session (9:00-9:50am)</b>	
9:00	Registration, welcome tea/coffee and early-bird networking
9:30	Workshop welcome, Dr. Jacqui McRae, Manager, ARC Graphene Research Hub
9:35	Plenary address: <b>Assoc Prof Yan Jiao</b> , Deputy Head of School (CEAM), Associate Director - Centre for Materials in Energy and Catalysis (CMEC)
<b>Session 1: ARC Graphene Research Hub Outcomes (9:50-10:25am), Chair: Dr Le Yu</b>	
9:50	Keynote address: <b>Prof. Dusan Losic</b> , Director, ARC Graphene Research Hub <i>Title: Overview of Hub research outcomes and impacts</i>
10:05	<b>Dr Tran Tung</b> , Researcher, ARC Graphene Research Hub <i>Title: Sensing the future</i>
10:15	<b>Dr Md Julker Nine</b> , Researcher, ARC Graphene Research Hub <i>Title: Advanced coatings for specific applications</i>
<b>Session 2: Chemical Engineering and Advanced Materials (10:30-11:15am) Chair: Dr Mahnaz Jazi</b>	
10:25	<b>Prof Volker Hessel</b> , ECMS Deputy Dean - Research and Professor, School of CEAM <i>Title: Microplasma jet-enabled trickle-bed synthesis of N-doped carbon nanodots and potential as nanofertilisers</i>
10:40	<b>Prof Peter Ashman</b> , ECMS Director of People & Infrastructure and Co-Leader of the Future Fuels CRC <i>Title: The role for hydrogen in decarbonising the natural gas network</i>

10:55	<b>Prof Shaobin Wang</b> , Professor, School of CEAM <i>Title: Nanomaterials synthesis and applications</i>
11:10	<b>Assoc Prof Philip Kwong</b> , Associate Professor, School of CEAM <i>Title: Biomass resource recovery</i>
11:25am	Morning tea and networking
11:45am	<b>Poster session and networking</b>
12:15pm	<b>Student awards</b>
12:30pm	Event close

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