

# Seminar Notice

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## Graduate School of Energy Science

Date: **7<sup>th</sup> of November**  
Time: **10:30am – 12pm**  
Venue: **Engineering Bldg 2, Room 335**  
Attendance: **All welcome**

### **Membranes for Clean Energy Technologies**

Dr Bradley Ladewig (Senior Lecture at Monash University, Australia) will present via video link, on the synthesis and application of membranes for clean energy technologies.

Membranes have been a source of interest for a variety of emerging clean energy technologies – such as fuel cells, coal gasification (IGCC), and for auxiliary operations such as air separation and carbon capture and storage (CCS). Dr Ladewig has extensive experience in the preparation, testing and modeling of membrane systems, and will present on this topic of high interest to the energy community.

#### **About the speaker**

Dr Ladewig directs his own research group, in which the overarching research theme is the development of novel membranes and membrane processes for clean energy and environmental applications. They focus on materials for fuel cells, metal organic frameworks and ion exchange membranes. (for further details, see the link below).

<http://www.memres.com/group-members/80-group-members/72>

All queries, please contact:

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\*This lecture is compulsory for students taking the IESC subject “Materials and Energy”.