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9 May 2007

For immediate release

Nanotechnology Wonders Revealed

The wonders of Nanotechnology will be revealed when one of Australia's leading experts delivers a public lecture in Gladstone next week.

The lecture will be delivered by Associate Professor Joe Da Costa, Division of Chemical Engineering, The University of Queensland, and will highlight recent research in relation to the application of nanotechnology for energy, environmental and biomedical applications.

The presentation will also focus on clean energy delivery, in particular on membranes for gas separation, membrane reactors, mesoporous materials, composite biopolymers and fuel cell components.

GAMSET Chair Heather Moller said Professor Da Costa's current research is directed towards the application of clean energy delivery by applying the principles of functional nanotechnology to fabricate high quality membranes.

"The focus of his current work is to provide engineering solutions to real industrial applications such as a decarbonised economy by designing nanomaterials with novel properties," Ms Moller said.

"Prof Da Costa has over 80 international publications including three book chapters on nanomaterials, so it will be very exciting to have him visit Gladstone to provide an insight into this fascinating technology which will no doubt be of even greater relevance in the very near future."

Prof Da Costa is the Associate Director of the Australian Research Council (ARC) Centre of Excellence in Functional Nanomaterials. He has over 20 years working experience in industrial, consultancy and academic roles in Brazil, England and Australia.

Prof Da Costa's lecture will be held at the Central Queensland University's Rex Metcalfe Theatre on Tuesday 15 May at 5.30pm.

Organised by Gladstone Area Mathematics, Science and Engineering Teachers group (GAMSET) and Queensland Alumina Limited (QAL) the lecture is provided free of charge and open to all interested members of the community. For more information and to register for the lecture, please contact Julia Cook (GAMSET) on 49799773 or Bogdan Skomra (QAL) on 4976 2491.

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For further information:

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