WESTERN SYDNEY
UNIVERSITY

Nanoscale Organisation
and Dynamics Group

Programming Self-assembly

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Abstract

Our work is driven by understanding and learning from nature how its chemistry works so we synthesise new systems and materials that do complex tasks but outside the boundaries that life puts on those tasks. This is the field of bio-mimetic chemistry. In our case, we are particularly interested in how molecules interact – which is Supramolecular Chemistry – to *program* the formation of complex self-assembled functional systems – the realm of Systems Chemistry.

Profile
Prof. Pall Thordarson (Palli) obtained his BSc. from the University of Iceland in 1996 and a PhD in Organic Chemistry from The University of Sydney in 2001. Following a Marie Curie Fellowship in the Netherlands he returned to Australia in 2003 and was then appointed at UNSW Sydney in 2007 as a Senior Lecturer. He was awarded an ARC Future Fellowship in 2012 and promoted to Full Professor in 2017. With over 100 publications, including in prestigious journals such as Nature and Nature Nanotechnology, his research interest range from Nanomedicine and Light-harvesting Materials to Supramolecular and Systems Chemistry. He has received a number of awards including the 2012 Le Fèvre Memorial Prize from the Australian Academy of Science for outstanding basic research in Chemistry by a Scientist under the age of 40.

Staff and students at all levels are welcome to attend.

Venue and Time:
This talk will be held on Friday 5 July at 11 am at the Campbelltown Campus in Building 4, Lecture Theatre **3** (CA.4.G.14). And by **ZOOM** https://uws.zoom.us/j/832704934

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