

# NZ-Italy Meeting on Supramolecular and Materials Chemistry

Auckland, New Zealand – 31 Jan-1 Feb 2019

**Location:** Room WS114, 34 St Paul St, School of Science, AUT

**Breakout Area:** WG Level 4

## Thursday 31<sup>st</sup> January

- 16:00 – 16:05 *Opening*  
*Chair:* Jack Chen
- 16:05 – 17:00 **Leonard Prins** (University of Padua, Italy)  
“Energy Consumption in Chemical-Fuel Driven Self-Assembly”
- 17:00 – 17:25 **Jon Kitchen** (Massey Albany)  
“Developing Advanced Materials Using Langmuir-Blodgett Deposition”
- 17:25 Drinks and light snacks (WG Level 4)

## Friday 1<sup>st</sup> February

- Chair:* Marcus Jones
- 09:00 – 09:35 **Federico Rastrelli** (University of Padua, Italy)  
“Molecule-assisted NMR”
- 09:35 – 10:00 **Jenny Malmstrom** (University of Auckland)  
“Functional Protein Assemblies”
- 10:00– 10:25 **Cameron Weber** (Auckland University of Technology)  
“Using the Nanostructure of Amphiphilic Ionic Liquids to Control Reactivity”
- 10:25 *Coffee* (WG Level 4)  
*Chair:* Jenny Malmstrom
- 11:00 – 11:25 **Fabrizio Mancin** (University of Padua, Italy)  
“Self-organization and cooperation in the nanoparticle-coating monolayer”
- 11:25 – 11:35 **Pablo Solis Munana** (Auckland University of Technology)  
“Self-assembly of Cooperative Catalysts”
- 11:35 – 11:45 **Roan Vasdev** (University of Otago)  
“[Pd<sub>2</sub>L<sub>4</sub>]<sup>4+</sup> Cages as Potent Anticancer Agents”
- 11:45 – 12:20 **Jane Allison** (University of Auckland)  
“Characterisation of N-(octadecyl)-1,8-naphthalimide monolayer compression using molecular dynamics and experimental approaches”
- 12:20 *Lunch* (WG Level 4)  
*Chair:* Cameron Weber
- 1:30 – 2:05 **James Crowley** (University of Otago)  
“Palladium (II) Metallosupramolecular Cages: Self-assembly and Molecular recognition”
- 2:05 – 2:30 **Marcus Jones** (Auckland University of Technology)  
“Exploiting exciton plasmon coupling to enhance optical transitions in colloidal quantum dots”
- 2:30 – 2:55 **Jack Chen** (Auckland University of Technology)  
“Self-assembled photoresponsive catalysts”
- 2:55 *Coffee* (WG Level 4)  
*Chair:* Jack Chen
- 3:30 – 4:05 **Jadranka Travas-Sejdic** (University of Auckland)  
“Polymer electronic materials for biomedical applications”
- 4:05 – 4:50 **Paolo Scrimin** (University of Padua, Italy)  
“Gold nanoparticles and peptides: a love story”
- 4:50 *Reception* (WG Level 4)