

# Homage to Justin Gooding



**12 September 2026**

**John Niland Scientia Building  
UNSW Sydney  
Sydney, Australia**

## Organising committee

**Dr Saimon Silva**, La Trobe University | **Dr Ying Zhu**, University of Technology Sydney  
**Prof Guozhen Liu**, The Chinese University of Hong Kong, Shenzhen | **Dr Bin Guan**,  
Adelaide University | **Prof Wenrong Yang**, Deakin University | **Prof Nadim Darwish**,  
Curtin University | **Prof Simone Ciampi**, Curtin University

|                                                                                     |                                                                                      |                                                                                                                 |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| 08:30                                                                               | Registration + coffee                                                                |                                                                                                                 |
| 09:00                                                                               | Welcome                                                                              |                                                                                                                 |
|                                                                                     | Opening remarks<br>Professor Les Field AM FAA<br>Professor of Chemistry, UNSW Sydney |                                                                                                                 |
| SESSION 1: Friendship and Discovery<br>Chair: Dr Saimon Silva (La Trobe University) |                                                                                      |                                                                                                                 |
| 09:15                                                                               | Prof Maria Kavallaris<br>UNSW Sydney, Australia                                      | The Gooding phenomenon: Unexpected side effects of research and friendship                                      |
| 09:30                                                                               | Prof Richard Tilley<br>UNSW Sydney, Australia                                        | Highlights from ten years of a joint research group                                                             |
| 09:45                                                                               | Prof Eric Bakker<br>University of Geneva, Switzerland                                | Exploring light-activated ion imaging in Justin's group and happy times in Sydney                               |
| 10:00                                                                               | Prof Ben Eggleton<br>The University of Sydney, Australia                             | Sensing the future: Smart technologies for national resilience                                                  |
| 10:15                                                                               | Prof Yitao Long<br>Nanjing University, China                                         | Where ionic currents meet human connections                                                                     |
| 10:30                                                                               | Prof Wolfgang Schuhmann<br>Ruhr University Bochum, Germany                           | A journey from bioelectrochemistry to nanozymes and electrocatalysis                                            |
| Morning Tea (10:45-11:15)                                                           |                                                                                      |                                                                                                                 |
| SESSION 2: The Gooding Legacy I<br>Chair: Prof Wenrong Yang (Deakin University)     |                                                                                      |                                                                                                                 |
| 11:15                                                                               | Prof Jingquan Liu<br>Qingdao University, China                                       | Functional polymers tailored composite materials for efficient removal of formaldehyde and other air pollutants |
| 11:30                                                                               | Prof Guozhen Liu<br>Chinese University of Hong Kong, China                           | Translating CRISPR biosensing from bench to bedside: A Journey inspired by Justin                               |

|                                                                                                                           |                                                                     |                                                                                                                    |
|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| 11:45                                                                                                                     | A/Prof Xiaoyu Cheng<br>Zhejiang University, China                   | Towards next-generation optical biosensors for age-related disease: From interfacial design to device developments |
| 12:00                                                                                                                     | Dr Tania Benedetti<br>Australian Renewable Energy Agency, Australia | Contributing to a sustainable world: from academia to government                                                   |
| 12:15                                                                                                                     | Dr Saimon Silva<br>La Trobe University, Australia                   | Interfaces that endure: Lessons from Justin Gooding on antifouling surface chemistry for electrochemical sensors   |
| 12:30                                                                                                                     | Prof Timothy Schmidt<br>UNSW Sydney, Australia                      | O Captain! My Captain!                                                                                             |
| <b>Lunch (12:35-13:35)</b>                                                                                                |                                                                     |                                                                                                                    |
| <b>SESSION 3: From Lab to Life</b><br><i>Chair: Dr Ying Zhu (University of Technology Sydney)</i>                         |                                                                     |                                                                                                                    |
| 13:35                                                                                                                     | Prof Kevin Plaxco<br>University of California, Santa Barbara        | In vivo electrochemistry: the next Gooding frontier                                                                |
| 13:50                                                                                                                     | Mr Rob Batchelor<br>Nutromics, Australia                            | My technical and personal journey with Prof. Gooding                                                               |
| 14:05                                                                                                                     | Dr Julio Ribeiro<br>Inventia Life Science, Australia                | Turning ideas into reality: My journey with Justin Gooding                                                         |
| 14:20                                                                                                                     | Dr Cong Vu<br>Nanosols, Australia                                   | A nanomedicine that went from the lab to the farm                                                                  |
| 14:35                                                                                                                     | Dr Maryam Parviz<br>SDIP Innovations, Australia                     | From shared discoveries to lifelong purpose: How science and humanity collide                                      |
| 14:50                                                                                                                     | Dr Bakul Gupta<br>Deliver Biosciences, UK                           | The Gooding effect: Lessons from the lab that built a CEO                                                          |
| <b>Afternoon Tea (15:05-15:35)</b>                                                                                        |                                                                     |                                                                                                                    |
| <b>SESSION 4: The Gooding Legacy II</b><br><i>Chair: Prof Guozhen Liu (The Chinese University of Hong Kong, Shenzhen)</i> |                                                                     |                                                                                                                    |
| 15:35                                                                                                                     | Prof Kris Kilian<br>UNSW Sydney, Australia                          | Materials chemistry meets biology: the value of Good(ing) mentorship in multidisciplinary science                  |

|       |                                                                                                                                                  |                                                                                                                          |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| 15:50 | Prof Dusan Losic<br>Adelaide University, Australia                                                                                               | Materials Voyager: Sailing through scales, beauty, and reality                                                           |
| 16:05 | Prof Till Böcking<br>UNSW Sydney, Australia                                                                                                      | Watching molecular machines in action: From interfacial biosensors to single-molecule imaging of host–pathogen machinery |
| 16:20 | Prof Wenrong Yang<br>Deakin University, Australia                                                                                                | Chiral peptide nano-chemistry: From molecular recognition to biomedical applications                                     |
| 16:35 | Prof Nadim Darwish<br>Curtin University, Australia                                                                                               | Inspired by my dearest years in the Gooding Lab: From silicon with Justin to silica                                      |
| 16:50 | Dr Ying Zhu<br>University of Technology Sydney, Australia                                                                                        | Nanophotonic platforms for in vitro diagnostics - my Journey from Gooding Lab                                            |
| 17:05 | Dr Bin Guan<br>Adelaide University, Australia                                                                                                    | From biosensing to engineering biointerfaces                                                                             |
| 17:20 | Closing Talk<br>Scientia Professor Justin Gooding<br>UNSW Sydney, Australia<br>From Monolayers to Microscopy: Teachings from talented co-workers |                                                                                                                          |
| 17:50 | Closing remarks<br>Emeritus Professor Brynn Hibbert<br>UNSW Sydney, Australia                                                                    |                                                                                                                          |
| 19:00 | <b>Celebratory Dinner</b><br>Leighton Hall, John Niland Scientia Building<br>UNSW Sydney                                                         |                                                                                                                          |

# Sponsors

## Platinum



**UNSW**  
SYDNEY

## Gold

**INVENTIA**  
LIFE SCIENCE

**Nutromics**



**PalmSens**



**UNSW**  
Australian Centre  
for NanoMedicine

## Silver

**Metrohm**  
ANZ



***biosensors***  
an Open Access Journal by MDPI

