**NETWORKING EVENTS**

**Welcome Cocktail Party**  
**Venue:** Hilton Hotel (6 Degrees Terrace)  
**Date:** Saturday, 9 September  
**Time:** 1730  
**Dress code:** Casual

**Dinner**  
**Venue:** Hilton Hotel (6 Degrees Terrace)  
**Date:** Sunday, 10 September  
**Time:** 18.30  
**Dress code:** Smart casual

<table>
<thead>
<tr>
<th>SUNDAY 10 SEPTEMBER</th>
<th>09:00</th>
<th>Conference Opening Address</th>
<th>Professor Emma McBryde</th>
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</table>
| **BURDEN OF DISEASE** | 09:15 | Chronic Disease | Professor Alan Lopez  
University of Melbourne  
**Epidemiological transition in the Asia-Pacific region: findings and implications from the Global Burden of Disease Study** |
| 09:15 | Chair: Professor Robyn McDermott | Associate Professor Malcolm McDonald  
James Cook University  
**We have been researched to death, maybe it’s time we started researching our way back to life** |
| 10:00 | Infectious Diseases | Professor Warwick Britton  
University of Sydney  
**Tuberculosis: new tools to tackle an old enemy** |
| 10:00 | Chair: Associate Professor John Miles | Ms J'Belle Foster  
James Cook University, Torres and Cape Hospital and Health Service  
**TB in the Torres Strait/Papua New Guinea Cross Border Region** |
| 10:45 | | Mrs Tanya Diefenbach-Elstob  
James Cook University  
**The epidemiology of tuberculosis in the Balimo district of Western Province, Papua New Guinea** |
| 11:00 | Morning tea |  |
| 11:30 | Infectious Diseases (continued) | Dr Willie Pomat  
Papua New Guinea Institute of Medical Research  
**Health Research in Papua New Guinea, 50 years on** |
| 11:30 | | Professor John Kaldor  
University of New South Wales  
**New strategies to control scabies in highly endemic communities** |
| 12:00 | | Dr Andrew Greenhill  
Federation University Australia  
**Characterisation and regional epidemiology of Shigella from Papua New Guinea and the Pacific** |
| 12:15 | | Dr Meru Sheel  
Australian National University  
**Eliminating lymphatic filariasis: Surveillance for evaluating post-mass drug administration disease transmission, American Samoa, 2016** |
| 12:45 | Lunch – Poster Session |  |
| 13:45 | Vectors | Professor Uriel Kitron  
Emory University  
**Transmission of mosquito-borne viruses in Salvador Brazil: old timers and newcomers** |
| 13:45 | Chair: Professor Tom Burkot | Dr Colleen Lau  
Research School of Population Health, The Australian National University  
**Endemic circulation of Ross River Virus in the Pacific Islands and the potential for wider emergence** |
| 14:15 | | Dr Stephan Karl  
The Walter and Eliza Hall Institute of Medical Research  
**Entomological observations surrounding a mass drug administration trial against lymphatic filariasis in Papua New Guinea** |
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<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker/Institution</th>
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<tbody>
<tr>
<td>14:50</td>
<td>Afternoon tea</td>
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<tr>
<td>15:20</td>
<td><strong>Health Economics</strong></td>
<td>Professor Simon Kelly&lt;br&gt;University of Canberra&lt;br&gt;Impact of Health on Financial Wellbeing</td>
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<td></td>
<td>Chair: Dr Emily Callander</td>
<td>Mr Adnan Ali Khan Choudhury&lt;br&gt;University of Queensland&lt;br&gt;James Cook University&lt;br&gt;Nutrition Integration into Sustainability Analysis (NISA): A model for estimating nutrition related health economic consequences of agricultural policy decisions</td>
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<tr>
<td>15:50</td>
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<td>Ms Nicole Bates&lt;br&gt;James Cook University&lt;br&gt;Estimation of the direct costs of hospital admitted cancer patients in Queensland</td>
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<td>16:05</td>
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<td>Associate Professor Virginia Wiseman&lt;br&gt;London School of Hygiene and Tropical Medicine, University of New South Wales&lt;br&gt;Financing for universal health coverage – experiences from the Asia-Pacific</td>
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<td>16:50</td>
<td>Day 1 Conference Close</td>
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<tr>
<td>18:30</td>
<td>Conference Dinner - Hilton Hotel</td>
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**MONDAY 11 SEPTEMBER**

**08:45** Conference Day Two

### METHODOLOGICAL PLATFORM

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<thead>
<tr>
<th>Time</th>
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<tr>
<td>09:00</td>
<td>Epidemiology</td>
<td>Professor Eddie Holmes&lt;br&gt;University of Sydney&lt;br&gt;Using Meta-Transcriptomics for Pathogen Discovery and Evolution</td>
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<td>Chair: Professor Lars Henning</td>
<td>Dr Ricardo J. Soares Magalhaes&lt;br&gt;University of Queensland&lt;br&gt;The social network of population movement in the Samoan islands: Implications for lymphatic filariasis disease control</td>
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<td>Dr Paul Horwood&lt;br&gt;Australian Institute of Tropical Health and Medicine&lt;br&gt;The impact of deforestation on the risk of zoonotic emergence in Cambodia</td>
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<tr>
<td>10:00</td>
<td>Bioinformatics</td>
<td>Associate Professor Lutz Krause&lt;br&gt;University of Queensland, Diamantina Institute&lt;br&gt;Bioinformatics for the Human Microbiome</td>
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<td>Chair: Dr Matt Field</td>
<td>Mr Eike Steinig&lt;br&gt;James Cook University&lt;br&gt;Surveillance of bacterial genomes and antimicrobial resistance: a platform for high-performance computing systems in Python</td>
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<td>Dr Shannon Hedtke&lt;br&gt;La Trobe University&lt;br&gt;Population genetics as a tool to identify causes of filariasis hotspots and potential transmission re-emergence in American Samoa</td>
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<td>11:00</td>
<td>Morning tea</td>
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<tr>
<td>Time</td>
<td>Session</td>
<td>Chair</td>
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| 11:30 | Infectious Disease Modelling | Professor Emma McBryde | Professor Ben Cooper           | Mahidol Oxford  
Reactive and pre-emptive vaccination strategies to control hepatitis E  
infection in emergency and refugee settings: a modelling study       |
|       |                           |                        | Mr Debebe Shaweno              | University of Melbourne  
A novel Bayesian geostatistical method for estimating tuberculosis incidence  
reveals many missed TB cases in Ethiopia                               |
|       |                           |                        | Dr Michael Meehan              | Australian Institute of Tropical Health and Medicine  
Ecological and evolutionary dynamics of multi-strain, drug-resistant systems |
| 12:30 | Big Data                  | Dr Matt Field          | Professor Ian Atkinson         | James Cook University  
Providing Big Data Services in Remote Locations: Challenges and  
Opportunities                                                        |
| 13:00 | Lunch                      |                        |                                |                                                                      |
| 14:00 | HEALTH SYSTEMS             | Professor Sarah Larkins | Professor Barbara McPake       | University of Melbourne  
The economics of OneHealth: a conceptual map                          |
|       |                           |                        | Dr Anna Palagyi                | Sydney School of Public Health, Sydney Medical School  
University of Sydney  
Characterising health system preparedness for emerging infectious diseases |
|       |                           |                        | Dr Stephanie M. Topp           | James Cook University  
Understanding patient decisions to disengage from HIV care and treatment in Zambia: a health systems analysis |
|       |                           |                        | Ms Christine Sturrock         | Department of Foreign Affairs & Trade  
DFAT’s Approach to Health Sector Support in PNG                         |
| 15:30 | Conference Close - Professor Maxine Whittaker | |                                |                                                                      |
| 16:00 | Afternoon tea              |                        |                                |                                                                      |

*Subject to change*