

Global Perspectives, Local Knowledge: Biennial Conference of the Australian Association of von Humboldt Fellows, Nov 20-22, 2015, Hobart, Tasmania

Provisional Programme Structure

Friday 20 November (Government House)	
5:00	Bus from IMAS building to Government House (delegates)
6:00	Public Evening Lecture (Govt House):
	Chair: to be confirmed
	Dr Brandon Menzies, Dept of Zoology, University of Melbourne <i>Thylacine DNA: life after death</i>
7:00	Reception (Governor of Tasmania, Her Excellency Prof Kate Warner)
8:00	Bus to IMAS

Saturday 21 November (IMAS)	
8:30	Chair: Conference Opening
8:45	Plenary: Professor Aidan Byrne, Chief Executive Officer - Australian Research Council TBA
9:30	Zhang: Visually Guided Decision-making in foraging honeybees
9:45	Schwerdtfeger: Beyond the Standard Model: the variation of fundamental constants in space/time
10:00	Morning Tea
10:30	Sadus: Water: a simple but elusive molecule
10:45	Hearnshaw: Mt John University Observatory at Fifty Years
11:00	Yu: Single Crystal to Single Crystal Phase-transition of CuQ2-TCNQ molecular crystals- a neutron spectroscopy study
11:15	Jansen: Unmanned Aerial Vehicles and Ore Deposits
11:30	Pawlikowski: How large pseudorandom number generators do we need in scientific computing?
11:45	Bachor: Can we look inside the brain?
12:00	Lunch Free time to explore Salamanca Markets and purchase your own lunch.
2:00	Chair: Plenary: Prof Alexandra Aikhenvald, James Cook University <i>'Saying how you know it: the obligatory marking of evidence'</i>
2:45	Andrews: Malaria Elimination: shifting priorities in malaria drug discovery research.
3:00	Cole: The Meaning of Quantum in 'Quantum Electronics'.
3:15	Anton: Superconductivity: about an unusual phenomenon in an unusual material.
3:30	Afternoon Tea
4:00	Chair: Plenary: Dr Katrin Amian, (Alexander von Humboldt Stiftung) <i>'Introduction to von Humboldt Programmes'</i>
4:30	Robson: Charged Particle Accelerators on a Table-top
4:45	Sutton: The Autocatalytic Keto-enol Tautomerization of Malonic Acid.

5:00	Haselhorst: The Development of a Novel Immunoglycotherapy for the Treatment of Non-Hodgkin's Lymphoma
5:15	Frauenthiener: Ripples in the Fabric of Space-Time
5:30	Fischer: Formation of the largest platinum deposit on Earth - What we learn from μm -scale observations.
5:45	John: Functional and evolutionary insights into toxin biosynthesis of the marine dinoflagellate <i>Alexandrium</i>
6:00	Free time
7:00	Conference Dinner (Salamanca Inn) Drinks: HE Ambassador for Germany Dr Christoph Mueller Address: Prof Peter Rathjen, Vice-Chancellor, U Tasmania

Sunday 22 November (IMAS)	
8:30	Chair: Plenary: Prof. Dr. Ekkehardt Hahn Westfälische Wilhelms-Universität Münster <i>Natural Chemistry - an oxymoron or reality?</i>
9:15	Alexander Davies: Alexander von Humboldt, Electricity and Muscle Contraction
9:30	Baumgartl: The Year of Soils 2015: celebrating soils in Australia and globally
9:45	Vogt: Quantum Phase Slip Elements: Exploiting Duality in Quantum Circuits
10:00	Morning Tea
10:30	Bretag: Hans Hermann Behr (1818-1904), Botanist, Entomologist, Anthropologist, Humourist and Dangerous?
10:45	Scott: Conserved genes for fungal sexual development and fungal-plant symbiosis
11:00	Claudianos: Autism: a story from molecules to mind
11:15	Glynn: Cosmology-Topology/Geometry: Mathematical Evidence for the Holographic Principle

11:30	McMullen: Gustav Thureau, first Tasmanian inspector of mines and Government mining geologist
11:45	Brand: Ernst Chladni theory of chimes and three-dimensional solitary waves in atomic superfluids
12:00	Edelmann: The Life and Legacy of Thomas Midgley Jr.
12:15	Eltchka: Monogamy of qubit entanglement from Lorentz invariance
12:30	LUNCH and AGM's
2:00	Boat to MONA
17:00	Last boat from MONA museum to CBD