

# Fourth JSPSAAA annual symposium

## CATALYSING AUSTRALIA-JAPAN SCIENCE AND INNOVATION

### Program Day 2 | Sessions 1 & 2

Wednesday 30th March 2022

Time	Presenter	Title	Affiliation
8:30-8:40	<b>Prof Ashraf Ghanem &amp; Dr Tamim Darwish</b>	Housekeeping	JSPSAAA
Session 1 Chair: Prof Michael Breadmore			
8:40-9:00 (20 min)	<b>Prof Tamaki Nakano Invited</b>	Construction of Chiral Conformation of Polymers and Small Molecules Using Circularly Polarized Light	Hokkaido University
9:00-9:15 (15 min)	<b>Dr Carl Recsei</b>	ANSTO's National Deuteration Facility: facility overview, diversity of capabilities, user program and impact	ANSTO
9:15-9:30 (15 min)	<b>Dr Aditya Rawal</b>	NMR Platform for Characterization of Materials in Energy Environment and Health	UNSW
9:30-9:45 (15 min)	<b>Dr Marina Pervukhina</b>	Digital permeability upscaling and Carbon dioxide hydraulic fracturing for underground Energy storage and gas enhancement production: JOGMEC, CSIRO, Kyushu, Yamaguchi, Kyoto and Curtin Universities collaborations	CSIRO
9:45-10:00 (15 min)	<b>Dr Steven Phipps</b>	Achieving net zero together: The potential for Tasmania and Japan to collaborate on decarbonisation	Ikigai Research
10:00-10:15 (15 min)	<b>Mr Keith Sweatman</b>	Value from Collaboration- A Case Study	Nihon Superior Co Ltd
10:15-10:35 (20 min)	<b>Mr Hirofumi Kawazoe &amp; Mr Shinichi Hiroi; Invited</b>	Hydrogen Energy Supply Chain (HESC)- Japan-Australia partnership and Situation of Hydrogen in Japan	Hydrogen Engineering Australia Pty Ltd & Iwatani Australia
10:35-10:50	<b>Morning Tea</b>		
Session 2 Chair: Prof Kazuhiro Nogita			
10:50-11:05 (15 min)	<b>Dr Jitendra Mata</b>	Small and Ultra Small Angle Scattering for Nano- and Micro-Structural Characterisation at ACNS, ANSTO	ANSTO
11:05-11:20 (15 min)	<b>Dr Debashish Mazumder</b>	Iso-elemental fingerprinting technology for food provenance	ANSTO
11:20-11:35 (15 min)	<b>Mr Jiaqiang Luo</b>	Can variation in wine preference amongst consumers be explained by salivary protein composition?	University of Melbourne
11:35-11:50 (15 min)	<b>Dr Yoshitaka Nakayama</b>	Corynebacterium glutamicum mechanosensitive channels for developing amino acids-selective nanovalves.	Victor Chang Cardiac Research Institute
11:50-12:05 (15 min)	<b>A/Prof Andreea Molnar</b>	The role of games in combating antibiotic resistance	Swinburne University Of Technology
12:05-12:20 (15 min)	<b>Dr Jason Whyte</b>	Beyond "Safe Until Sorry" Management of Emerging Contaminants via Data Science Applied to a Publication Database	University of Melbourne
12:20-12:35 (15 min)	<b>Dr Tsuyoshi Kobayashi</b>	Collaborative research on the ecology of inland floodplain wetlands	NSW Department of Planning and Environment
12:35-12:50 (15 min)	<b>Dr Damith Herath</b>	Robotic Art in Health Care	University of Canberra
12:50- 13:05 (15 min)	<b>Dr Cindy Kok</b>	Development of adeno-associated virus vectors for cardiac gene therapy	Westmead Institute for Medical Research
13:05-14:05	<b>Lunch</b>		