



**fast
smarts**

Living
Working
Playing

9 May 2018

Deakin Edge, Fed Square

This event is part of Melbourne Knowledge Week
7 - 13 May 2018. Proudly presented by the City of Melbourne.



about

As a premier event in Melbourne Knowledge Week 2018, **veski** fast smarts is a curated innovation showcase of Melbourne's best and brightest innovators.

Nine innovators will compete against one another across the categories of **Living**, **Working** and **Playing** from across academia, information technology, industry and the arts.

Innovators will be vying to impress you for the celebrated title of **2018 veski fast smarts Innovator of the Year**.

These are no ordinary presentations - this year presentations will be in 20:18 Rapid Fire format, that is 20 slides, displayed for 18 seconds per slide.

You will hear from our diverse group of Innovators on how their contributions to Melbourne are advancing the global knowledge base on everything from the future of energy, to digital story-telling, AgTech and 3D printing.

veski is committed to contributing to positioning the Victorian innovation sector to address current challenges and to ensure the State's future economic growth and global competitiveness. We deliver a dynamic program of fellowships, awards and international networks, including our **veski** innovation fellowships. We also seek to build diversity in innovation and to promote people from diverse backgrounds for the benefit of the Australian economy.

Any views, research and opinions expressed belong solely to the Innovators. **veski** does not endorse any products, opinions or ideas shared.

**MELBOURNE
KNOWLEDGE
WEEK**
7-13
MAY 2018

@veskiorg #veski #fastsmarts #MKW18

Polling instructions

SMS or online

Ensure you have a hand in the vote for the **2018 veski fast smarts Innovator of the Year**.

Respond online at pollev.com/veskipolls021

Text **VESKIPOLLS021** to **0427 541 357** to join, then text either A, B or C as displayed on the main screen.

Polling will open after each category and enable you to vote for your innovator of choice in **playing, working and living**.



Ms Husna Pasha

MC

Husna is a Melbourne Media Personality and author who grew up in rural Tasmania with her Indian family before heading to the mainland with ambitions of improving the world by making a difference to people's lives.

After 20 years as a business women, and following the success of her 'Talk Show Series' Husna is now linking people through her recently opened restaurant venture **Alisha's Cafe Collective** – a hub for sharing good food, ideas and for creating connections.

Husna reminds her audiences that 'scary' can also mean 'exciting' and she seeks to empower through humor, empathy and reflection.

Living



Prof Pierluigi Mancarella

veski innovation fellow

The “Flex-City” - a power energy tale

Pierluigi Mancarella, **veski** innovation fellow, is re-thinking Melbourne's approach to energy including its energy future. Pierluigi is looking to create a low carbon energy future that is reliable, resilient and affordable through new techno-economic solutions in smart energy systems. He has been involved in/led around 50 research projects worldwide and actively engaged with energy policy in Europe. He is Chair Professor of Electrical Power Systems at The University of Melbourne and part-time Professor, Smart Energy Systems at The University of Manchester, UK.



Ms Melissa Warner

Australian Psychedelic Society

Innovating Mind: Why Australia needs a psychedelic research program

Melissa Warner completed her studies at The University of Melbourne and has an academic background in neuroscience, philosophy and computer programming. Melissa is also a board member of PRISM (Psychedelic Research in Science and Medicine). Melissa is interested in how transformative technologies such as psychedelics, neuro-feedback and meditation heal mental illness. Melissa has travelled abroad to investigate international research efforts into these technologies, including psychedelics. At PRISM, Melissa seeks to help implement a psychedelic research program in Australia.



Mr Gil Hidas

Kesem Health

The age of digital health

Gil Hidas is an entrepreneur and is leading the development and commercialisation of a urological medical device. Previously he was the Managing Director and founder of The Real Race, a luxury travel tours start up, Pelagic Group Australia, Kesem Solutions and PaperAct. His current project is a urological digital solution in the field of urology called the iUFlow. This device offers automated and exact hands-free bladder monitoring used for the diagnosis and management of urinary dysfunctions.

Working

Mr Chris Sounness

Birchip Cropping Group

A new way of obtaining wisdom

Chris Sounness has twenty years' experience on the development and extension of innovation and research on the farm. Birchip Cropping Group is hosting **veski** sustainable agriculture fellow Terry Griffin from Kansas State University focusing on agricultural technology and big data to transform farming practices. Since 1992, Chris has worked in the Wimmera Mallee of Victoria, firstly working in private breeding Canola research and then a long stint in Government - continuing his work with farmers and their advisers to increase uptake of agricultural research, particularly through building farmer's knowledge and skills.



Prof Sarah Bekessy

RMIT University

The critical role of 'everyday nature' for the future of cities

Sarah Bekessy, ARC Future Fellow, has been teaching and conducting research in sustainability and environmental studies at RMIT University since 2004. Sarah has established a research team to find solutions to applied environmental problems (iconscience.org). In recent years, Sarah's research has focussed on establishing an evidence base and developing tools for nature-based solutions in cities, including a measurable protocol for 'Biodiversity Sensitive Urban Design'.



Dr Carmine Onofrillo & Dr Serena Duchi

BioFab3D, St Vincent's Hospital - Melbourne

The Biopen journey

Carmine Onofrillo and Serena Duchi are both graduates of The University of Bologna and biologists who are working as part of the multidisciplinary Cartilage Regeneration Program. The program is centred on the use of 3D printing technologies, including surgical 3D printing of stem cells, for the regeneration of articular cartilage. Carmine's scientific contribution is addressing the depth of molecular characterisation of human stem cells in a 3D bioprinted environment with the goal to regenerate damaged tissues. Serena's speciality is in human stem cells isolation and characterisation, 3D bioprinting and cultivation of samples for cartilage tissue regeneration, and advanced imaging techniques.



Playing



Dr Betty Sargeant

Melbourne Knowledge Fellow

Digital + Design + Media + Art

Betty Sargeant is a multi award-winning artist and designer. Her work focuses on how art and technology can help people be more socially and physically engaged. A 2017 Victorian Premier's Design Award Winner, Betty is currently creator-in residence at the Exertion Games Lab (RMIT University) where she is developing a series of participatory media artworks. She is the 2016 Melbourne Knowledge Fellow; creator-in-residence at the Asia Culture Centre, South Korea 2016 & 2017; and winner of the 2016 Consensus Innovation Award in recognition of her progressive digital technology work. Betty is creative director of PluginHUMAN, a Melbourne-based art-design activation. She has exhibited her work in Asia, Europe, North America and Australia.



Ms Amy Gubana

Vollie

Redesigning volunteering for the digital age

Amy Gubana has had a diverse performance career that includes acting on a prominent Australian television program and a stage production that toured the USA. Her work with Vollie is driven by a passion for social impact, and connecting the talents of everyday Australians with the charities and causes that matter most to them. Amy has been part of the Vollie journey since the start, and is one of the business' strongest ambassadors. She supports the reach-out to new charities, highlighting the impact Vollie can have on their organisation.

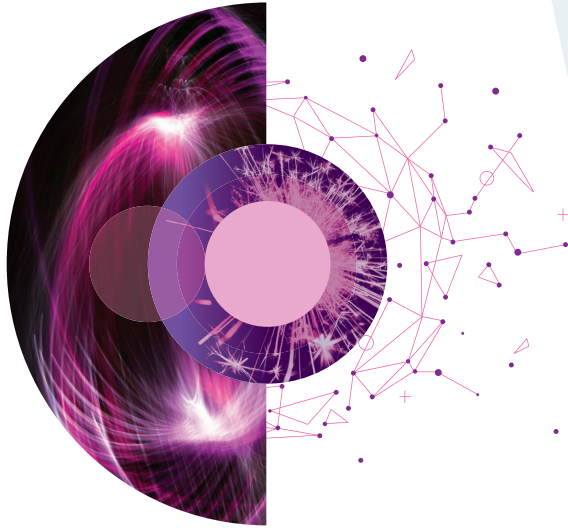


Ms Grace McKee

Sisters in Science

Getting more girls into STEMM

Grace is a second year Monash University undergraduate student completing a Bachelor of Science Advanced - Global Challenges, where she created 'Sisters in Science'. This program connects high school aged girls with women who work in different areas of Science, Technology Engineering, Maths and Medicine (STEMM). Grace follows the philosophy of "you can't be what you can't see", and hopes that by exposing young women to role models, she will contribute to an increase in the uptake of high school STEMM unit enrolments by girls. Sisters in Science has been running for a year now and has received positive feedback about the value of the program from participants.



fast smarts

panelists

Living

- Ms Del Irani, TV Presenter, ABC News
- Professor Ian Smith, **veski** chair
- Dr Neda Mirzadeh, Group Leader and Diversity Champion, RMIT University

Working

- Dr Amanda Caples, Lead Scientist, Government of Victoria
- Dr Pangzhen Zhang, **veski** sustainable agriculture fellow
- Dr Emma Sciberras, **veski** inspiring women fellow

Playing

- Ms Anna Burke, **veski** director
- Dr Jonathan Middis, Chief Technical Officer, Tamu Innovation
- Ms Julia L Page, **veski** MD & chief executive officer

fast smarts

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