



EVENT PROGRAM

Australia's race for space

Keynote speaker: Dr Megan Clark AC, Head, Australian Space Agency

Friday 22 November 2019, 11.45am to 12.00 to 2.00pm

Adelaide Convention Centre

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Government of South Australia
Department for Innovation and Skills

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committee for economic development of australia

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agenda

- 11.45am Guest arrival and registrations
- 12.00pm Welcome
Hamilton Calder
State Director SA/NT, CEDA
- 12.05pm Introduction
The Hon Vickie Chapman MP
Attorney-General of South Australia
- 12.10pm Introduction
Michael Waite
Chief Executive, Shoal

Keynote address
Dr Megan Clark AC
Head, Australian Space Agency
- 12.30pm Lunch
- 1.00pm Introduction of chair to facilitate panel discussion
Mike Kalms
Partner in Charge, Operations Advisory, KPMG

Panel speakers:
- Dr Megan Clark AC, Head, Australian Space Agency
 - The Hon. Vickie Chapman MP, Attorney-General of South Australia
 - Julia Mitchell, Senior Spacecraft Systems Engineer, Sitael Australia
 - Flavia Tata Nardini, Co-Founder and Chief Executive Officer, Fleet Space Technologies
- 1.55pm Vote of thanks
Nikita Sardesai
Systems Engineer, Shoal
- 2.00pm Close
Hamilton Calder
State Director SA/NT, CEDA



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KPMG

At KPMG, we inspire confidence and empower change in all that we do for our clients, people and community. It is something our people focus on and unite around, enabling us to become the Clear Choice in professional services in South Australia. Our people recognise the responsibility that comes with this sense of purpose, which is why everything we do is underpinned by a shared set of values that guide our every action. It is a commitment which ensures, through the decisions we make and the work we do, we leave our society, and one another stronger for the future and in South Australia it is our commitment in Shaping the Future of South Australia that drives us.

Our deep expertise in Audit and Assurance, Tax and Advisory services has seen us work with many iconic companies to help them solve complex challenges, steer change, disrupt sectors and grow. Collaboration and innovation are ingrained in our approach, with our people aiming to provide genuine, sustainable value for our clients. Amid times of economic change, technology advancement and industry disruption, KPMG has the depth of expertise, global reach, clarity of insight and strength of purpose to work shoulder to shoulder with our clients – now and into the future.



CEDA will be tweeting from this event using **#SpaceEconomy**
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Event major sponsor

Shoal

Shoal uses systems thinking to help our clients define and deliver large, complex projects in changing and difficult environments. We work with people from diverse industries in the early stages of understanding their complex problems and ensuring they are prepared for successful project delivery. Shoal has applied and developed world-leading expertise in systems thinking and system engineering to support our clients, including a modern model-based approaches. We ensure we solve the right problem and solve the problem right.

In return, we have shaped the world's best practice discipline in leveraging relational datasets and models in software to describe and design a system that comprehensively considers the political and social contexts within integrated sub-systems. Shoal has successfully applied this framework to more than 75 large, complex and technology-intensive projects; from transportation systems, submarines, warships, satellite communication systems, space systems, to organisational level planning for one of the world's largest hedge funds. Shoal's novel model-based techniques provide a level of traceability and agility, which are only now being adopted to solve the largest, most complex problems that exist in Australia and the world.

Event series sponsor

Department for Innovation and Skills

Growing the culture of entrepreneurship in South Australia.

South Australia is fast becoming a leader in Australia's future industries, including defence, space, medical technologies and cyber security.

FIXE will become a beacon for South Australian future industries and entrepreneurship, connecting and building an entrepreneurial ecosystem and showcasing South Australian people, businesses and ideas.

Four pillars of focus:

INSPIRE individuals, groups and organisations to embrace the spirit of entrepreneurship.

EQUIP South Australians with the tools, mechanisms and resources to start and grow successful businesses.

ENABLE a healthy entrepreneurial ecosystem underpinned by business and investment activity.

CELEBRATE the achievements of entrepreneurs.

www.fixe.org.au



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keynote speaker



Dr Megan Clark AC Head, Australian Space Agency

Dr Clark is currently Head of the Australian Space Agency and a director of Rio Tinto, CSL Limited and CARE Australia. She is a member of the Australian advisory board of the Bank of America Merrill Lynch. Dr Clark recently chaired the Expert Working Group into the Review of Australia's Space Industry Capability. She was Chief Executive of the Commonwealth Scientific and Industrial Research Organisation (CSIRO) from 2009 to 2014. Prior to CSIRO, she was a Director at NM Rothschild and Sons (Australia) and was Vice President Technology and subsequently Vice President Health, Safety and Environment at BHP Billiton from 2003 to 2008.

Dr Clark holds a BSc from the University of Western Australia and a PhD from Queen's University, Canada and is a Fellow of the Australian Academy of Technology and Engineering, a Fellow of the AusIMM and a Fellow of the Australian Institute of Company Directors. In 2014, she was appointed a Companion of the Order of Australia.

panel speakers

The Hon. Vickie Chapman MP Attorney-General of South Australia



After graduating from Law in 1978, Vickie became a Barrister and Solicitor and, for many of those years ran her own small business, Chapman and Associates. During her time in Parliament, Vickie has been responsible for a number of key portfolios for the Opposition, including Education, Health, Transport and Infrastructure.

With the election of the Marshall Government in 2018, Vickie currently serves as the Deputy Premier and Attorney-General, with further responsibility for the Justice Reform and Consumer and Business Services portfolios.

Julia Mitchell

Senior Spacecraft Systems Engineer, Sitael Australia

Julia is a motivated systems engineer/program manager experienced in the aerospace and space sectors. Julia has a passion for space. Through her employment and volunteer roles, Julia has well developed team, leadership, communication and people skills and fine attention to detail. Julia most recently was the Satellite Based Augmentation System (SBAS) Test-bed Program Manager at FrontierSI. In this role, Julia led a team which coordinated around 30 projects over ten different industry sectors (agriculture, aviation, consumer, road, rail, construction, utilities, resources, spatial and maritime) which successfully demonstrated the benefits of SBAS.



Flavia Tata Nardini

Co-Founder and Chief Executive Officer, Fleet Space Technologies

Rocket Scientist and Space Lover. Flavia Tata Nardini began her career as a Space Engineer at the European Space Agency before joining TNO to apply her technical knowledge to advanced space propulsion engineering projects. In 2015, she co-founded Fleet to solve the issue facing businesses globally over the next decade: how to connect the more than 75 billion connected devices expected to come online over the next decade, simply and cheaply.



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facilitator



Mike Kalms

Partner in Charge, Operations Advisory, KPMG

Mike leads KPMG Australia's national Operations Advisory team, and from a market perspective, drives their defence industry and space accounts. He has over 25 years' experience in business and government in Australia, Europe and Asia.

In his (now) distant youth, Mike joined the Department of Defence, investing several years in understanding how that agency works. He then embarked on a career in industry with BAE Systems and QinetiQ – with interludes at RPDE and the UK's NITEworks collaborative programs.

For the last several years Mike has found a home at KPMG, where he has supported the 2016 White Paper as a member of the Minister's 6-person Expert Panel, worked shoulder-to-shoulder with Defence on their industry policy and approach to sovereign industry, supported various state governments develop defence industry strategy, and aided business and universities to build defence-relevant capabilities.

introduction



Michael Waite

Chief Executive Officer, Shoal

As Chief Executive Officer at Shoal, Michael provides the leadership, management and vision necessary to anticipate and meet our company's needs, and effectively grow our organisation. He has a strong focus and commitment to company values and culture, motivating our team to deliver project outcomes effectively for our clients. Michael works closely with our corporate leadership team to make Shoal a leading-edge consultancy, where people are inspired to be their best. Also a senior systems engineer, Michael has firsthand experience in the project management of large, complex socio-technical projects. He has a Bachelor of Engineering (Mechatronics) and an Executive Masters in Complex Project Management.

corporate tables

CEDA would like to thank the following members for hosting a corporate table at today's event.



Government of South Australia
Attorney-General's Department



Deloitte.

notes

CEDA SA 2019 Upcoming events

SA's role in securing Australia's energy future

DATE Friday 29 November, 11.45am for 12.00pm to 2.00pm

VENUE Hilton

SPEAKERS The Hon. Dan van Holst Pellekaan, Minister for Energy & Mining

Michael Bielinski, General Manager, Gas and Power, Siemens

Mark Vincent, GM Networks, SA Power Networks

Catherine Way, Country Manager Australia, DP Energy

Matt Pearce, Partner (Energy and Resources), KPMG

Supported by CEDA members KPMG and Siemens



Defence industries: jobs and skills of the future

DATE Thursday 5 December, 7.15am for 7.30am to 9.30am

VENUE Adelaide Festival Centre

SPEAKERS John Davis, CEO, Naval Group Australia

The Hon. David Pisoni MP, Minister for Innovation and Skills

Jacqui McGill, Chair, TAFE SA

Brad Yelland, Chief Technology Officer, BAE Systems



Supported by CEDA members Deloitte and Flinders University

Women and Leadership series: end of year lunch

DATE Tuesday 10 December, 11.45am for 12.00pm to 2.30pm

VENUE National Wine Centre

SPEAKERS Maggie Beer, SA Food Icon

Jane Caro, Lecturer, Author, Panelist

Catherine Fox, Author and Journalist

Melinda Cilento, Chief Executive, CEDA



Series supported by CEDA members BHP, Department of Treasury and Finance, SA Power Networks, University of South Australia Business School and UniSuper

CEDA contact:

Jim Disher, Events and Membership Manager SA/NT, CEDA

Phone: 08 7002 8688 Email: jim.disher@ceda.com.au

about CEDA



CEDA is an independent, not-for-profit membership organisation. CEDA identifies policy issues that matter for Australia's future and pursue solutions that deliver better economic, social and environmental outcomes for Australia. CEDA's cross-sector membership spans every state and territory and includes more than 780 of Australia's leading businesses, community organisations, government departments and academic institutions.

Membership

Organisations join CEDA because CEDA delivers exposure to high level thought leadership, timely briefings on issues of economic importance, access to networking and brand reach through sponsorship and hosting opportunities. In addition to high profile public events, CEDA also delivers regular member only events for employees of member organisations and exclusive Trustee only boardroom briefings for senior executives from member organisations. These provide a unique opportunity for peer-to-peer knowledge exchange and for speakers and attendees to talk candidly on issues.

Research and policy

CEDA's only agenda is to pursue good public policy to progress Australia's economic and social development. Since 1960 CEDA has produced more than 3000 publications, research reports and articles highlighting emerging issues and directions in a diverse range of policy areas. Research in 2019 will focus on Australia's long-term budget position, the effects of temporary migration, a survey of Australian businesses on their approach to economic development, and new approaches to addressing entrenched disadvantage.

For more information on CEDA membership, research and events please contact:

Hamilton Calder, State Director SA/NT
08 8211 7222
Hamilton.Calder@ceda.com.au

Event and Membership Coordinators
08 8211 7222

Sharon Simmons, Associate Director SA/NT
08 8211 7222
Sharon.Simmons@ceda.com.au

Hayley Falcinella
Hayley.Falcinella@ceda.com.au

Jim Disher, Event & Membership Manager
08 8211 7222
Jim.Disher@ceda.com.au

Kelly Rennie
Kelly.rennie@ceda.com.au

www.ceda.com.au