

The World's Largest SMR and Advanced Reactor Summit

SMR
2018

8th Annual
**International SMR & Advanced
Reactor Summit**

27-28 MARCH 2018, WESTIN BUCKHEAD, ATLANTA

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place early and
SAVE \$600!
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DEVELOP SITING, SUPPLY CHAIN AND CONSTRUCTION STRATEGIES TO REDUCE NTH-OF-A-KIND DEPLOYMENT COSTS



Glenn Jager,
Chief Nuclear Officer,
OPG



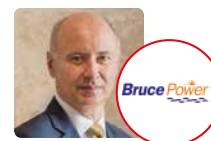
Jose Reyes,
Chief Technology Officer,
NuScale Power



Mark Lesinski,
President and CEO,
**Canadian Nuclear
Laboratories**



Edward McGinnis,
Acting Assistant
Secretary of Energy,
**US Department of
Energy**



Mike Rencheck,
CEO,
Bruce Power



Knox Msebenzi,
Managing Director,
**Nuclear Industry
Association of South
Africa**

- » Get to grips with SMR and advanced reactor technologies' applicability to emerging markets, allowing you to develop deployment and supply chain strategies for the future
- » Understand how the licensing framework of global regulators are being adapted to accommodate next generation nuclear technologies, enabling you to best prepare your license application
- » Pave the way for the global deployment of SMR and advanced reactor technologies, by learning from your peers from developers, end users, supply chain companies and government officials, to overcome major obstacles
- » Discuss the state of SMR and advanced reactor financing including investment, structured financing and government loan assistance to ensure the efficient use of project funding in the future
- » Evaluate the potential of new technologies and methods such as additive manufacturing, modular construction, robotics and automation, that could lead to reduced costs in Nth-of-a-kind deployments

FIND OUT WHAT'S NEW AT SMR 2018

BRAND NEW CANADIAN TRACK: Get to grips with the exciting opportunities that Canada offers for SMR deployment in a one day track

FULL DAY INTERNATIONAL PLENARY SESSION: Understand exciting market opportunities around the world and pinpoint exactly how your company can get involved

NEW INTERACTIVE SESSIONS: Delve into challenges facing the industry with your peers and create strategies and partnerships to drive the reality of SMR deployment during interactive roundtable and workshop sessions

TAKE A LOOK AT THE INDUSTRY LEADING SPONSORS AND EXHIBITORS ALREADY CONFIRMED FOR 2018

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EXHIBITORS:



With over 350 key decision makers expected in 2018, book your place today to save \$600 on your pass
www.nuclearenergyinsider.com/international-smr-advanced-reactor/register.php

UTILITY/END USER PERSPECTIVES:

Glenn Jager
Chief Nuclear Officer
OPG



Mike Rencheck
CEO
Bruce Power



Mark Lesinski
President and CEO
Canadian Nuclear Laboratories



Corey McDaniel
VP Business Development
Canadian Nuclear Laboratories



Kathryn McCarthy
VP Research and Development
Canadian Nuclear Laboratories



GOVERNMENT AND REGULATORY INSIGHTS:

Ed McGinnis
Acting Assistant Secretary of Energy
Department of Energy



Christian Carrier
Director of the New Major Facilities Licensing Division
CNSC



Kevin Lee
Senior Regulatory Policy Officer
CNSC



Doug Miller
Senior Technical Advisor
CNSC



DEVELOPER PERSPECTIVES

Jose Reyes
Chief Technology Officer
NuScale



Steve Threlfall
General Manager
U-Battery



LEGAL EXPERTISE:

Alex Polonsky
Partner
Morgan Lewis



Stephen Burdick
Partner
Morgan Lewis



Paul Murphy
Managing Director
Gowling WLG



SUPPLY CHAIN LEADERS:

Barry Rice
Senior Sales Manager
Sheffield Forgemasters



INDUSTRY ASSOCIATION EXPERTS:

Marc Nichol
Senior Project Manager, New Plant Deployment
NEI



Knox Msebenzi
Managing Director
Nuclear Industry Association of South Africa



Tom Blees
President
The Science Council for Global Initiatives



The 7th Annual International SMR and Advanced Reactor Summit held recently in Atlanta provided a good insight into the range and diversity of technologies being promoted in today's climate; this all bodes well for the future of the nuclear industry.

- Rolls Royce



Dear colleague

Despite a turbulent year for the US nuclear industry, the small scale nuclear renaissance continues at an exciting pace. NuScale's design certification application to the NRC pursuant to 10 CFR Part 52 was submitted at the end of December 2016, the first of its kind in the US. For now, this process is expected to last anywhere between 2-5 years from this point.

Internationally, the possibilities for SMR and advanced reactor deployment are evident and many markets are being explored. In the UK, the government competition continues and the Department for Business, Energy and Industrial Strategy (BEIS) are expected to make an announcement in the late months of 2017 as to the status of the competition. In Canada, Canadian Nuclear Laboratories issued a request for expressions of interest (RFEOI) to the industry and received overwhelming interest in the opportunities Canada offers for next generation nuclear deployment. Further afield, many are exploring the opportunities to deploy technologies in Asia, Europe, Africa and South America amongst others.

However, there are numerous challenges facing the industry that must be overcome to realize the potential of these reactors. Rising costs across a variety of nuclear energy projects causes concern amongst potential stakeholders and efforts to reduce SMR and advanced reactor production costs are already underway. The nuances associated with advanced reactors, and slightly less so to light-water SMRs, are yet to fully be addressed before and during design certification. The financing of next generation projects is also a major challenge, with uncertainties about technology and the licensing nuances increasing the potential cost for new projects. Finally, although the opportunities for commercializing SMRs and advanced reactors are apparent, constant dialogue and exchange of ideas is critical to ensure they come to fruition.

The 8th Annual International SMR and Advanced Reactor Summit (27-28 March, Atlanta USA) is the world's premier meeting point for the exploration of these challenges and the creation of in depth strategies to overcome them. Over 350 industry leaders will unite in order to achieve this, including companies and organizations from over 20 countries.

Hear presentations from over 50 of the most influential names in the nuclear industry, such as Edward McGinnis, Acting Assistant Secretary of Energy, US Department of Energy, Knox Msebenzi, Managing Director, Nuclear Industry Association of South Africa, Glenn Jager, Chief Nuclear Officer, OPG, Jose Reyes, Chief Technology Officer, NuScale Power and many more.

With exciting announcements happening all around the world, the 2018 SMR summit is your go-to location for the exchange of ideas and best practices that will lead to the successful deployment of SMRs and advanced reactors in the future. By attending you can put your organization on the map as a leader in nuclear power.

PASSES ARE SELLING FAST

Join confirmed industry leaders at the event, such as:

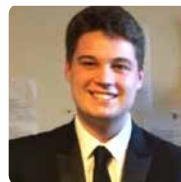
» OPG, NuScale, Bruce Power, CNSC, U-Battery, Sheffield Forgemasters, Sargent and Lundy, Gowling, KACARE, Moltex Energy and more

The event caters exclusively for top level industry leaders looking to advance these innovative technologies, and with the entire community in attendance, the 2018 event is set to be unmissable.

Exciting additions to the agenda in 2018 include an international plenary session, a split agenda between US and Canada and interactive workshop and roundtable sessions.

Places for the world's largest SMR and advanced reactor event are extremely limited and sell out fast, don't miss out on the opportunity to attend in 2018! Register before January 5th to take advantage of a \$600 discount! Details can be found at <http://www.nuclearenergyinsider.com/international-smradvanced-reactor/register.php> or contact me directly to secure your place.

I look forward to seeing you in Atlanta.



Ben Moss,
North American Project Director,
Nuclear Energy Insider
bmoss@nuclearenergyinsider.com
+44 [0]207 375 7537

70% OF ALL SPONSORSHIP AND EXHIBITION PACKAGES HAVE BEEN SOLD OR RESERVED ALREADY!

SPONSORSHIP AND EXHIBITION OPPORTUNITIES AVAILABLE NOW!

Position yourself at the forefront of the SMR and Advanced Reactor industries through sponsoring or exhibiting at the world's largest SMR and Advanced Reactor Summit.

We keep the amount of exhibition space at a level where you can gain the upmost exposure for your company, unlike at a trade show where your message gets lost in the crowd.

Due to a sold out exhibition area in 2017, we have doubled the size of the exhibition hall for 2018.

THE MAJORITY OF SPONSORSHIP AND EXHIBITION PACKAGES HAVE BEEN SOLD ALREADY - DONT MISS OUT!

TAKE A LOOK AT WHY YOU NEED TO SPONSOR OR EXHIBIT IN 2018

- » **The perfect platform to reach the industry:** Put your products and services directly in front of the decision makers at the summit, whether that's through a sponsorship or an exhibition opportunity
- » **Get face to face time with the companies that will get you business:** Before, during or after the event, if there are particular companies you would like to meet, we can facilitate introductions for you.
- » **Premium branding:** Position yourself as a market leader and have your brand included in our targeted marketing campaigns to over 30,000+ leading nuclear executives in the months before the conference.
- » **We don't have a set "menu" for sponsorship and exhibition, we create bespoke packages tailored to your business' needs.** Simply liaise with our Commercial Director Edward Cure at the details opposite.

Secure your place now - opportunities are selling out fast >>



Edward Cure
Commercial Director
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Global: +44 (0) 207 422 4306
Email: ecure@nuclearenergyinsider.com

TAKE A LOOK AT WHY THE WORLD'S LARGEST SMR SUMMIT IS GOING TO BE UNMISSABLE

- Over 350 Executive Level Attendees
- 15+ Hours of Networking Time
- 50+ Expert Industry Speakers
- 26 Exhibition Booths
- Separate US and Canadian tracks
- International projects plenary session
- Over 20 Countries Represented

SEE WHO HAS ALREADY CONFIRMED THEIR PLACE AT THE INTERNATIONAL SMR AND ADVANCED REACTOR SUMMIT 2018

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EXHIBITORS:



Opportunities already sold for 2018



Charging Station Sponsor



Coffee Break Sponsor



Workshop Sponsor



Bag Sponsor



GLOBAL SESSION



SESSION 1: INTERNATIONAL MARKET UPDATES - REGULATORY, GOVERNMENT AND COMPETITIVE LANDSCAPE

- Get to grips with recent interaction between international nuclear regulators in best preparing for the licensing of next generation nuclear technologies so you can best prepare for the regulatory landscape ahead
- Realize the opportunities in the Canadian market for SMR and advanced reactor deployment, pinpoint your organizations role and understand the potential end users across the country for micro, small and advanced reactors
- Gain insight into the UK government SMR competition, understand the latest updates and the potential the UK holds for an SMR deployment site

US TRACK



SESSION 3: US REGULATORY UPDATES - WORKING TO MODIFY THE REGULATORY FRAMEWORK

- Get updates on how the US Nuclear Regulatory Commission [US NRC] has been working to modify its regulatory framework to accommodate non-LWR technologies, resulting in a more efficient licensing process for applicants
- Understand how the industry works with the US NRC to modify the regulatory framework and understand how their changes can lead to greater cost-efficiencies in licensing a SMR or advanced reactor
- Hear an update from US trailblazers NuScale Power, giving an update on their SMR project which is currently undergoing the design certification application, ensuring you are aware of project progress and the road ahead

GLOBAL SESSION



SESSION 2: EXPLORING EXCITING OPPORTUNITIES TO DEPLOY SMRS GLOBALLY

- Understand the potential for US companies to export SMR technology overseas and understand your role in re-establishing the US as the leader in nuclear power once again
- Familiarize yourself with the opportunities for SMR deployment in the Middle East, Africa, China, South-East Asia, South America and beyond to identify the projects your company should support
- Get to grips with the various technologies and their applicability for certain markets, including micro (>50MW), small modular and advanced reactors, allowing you to map out the opportunities in the years to come for your company

CANADA TRACK



SESSION 3: UNDERSTAND THE ROLE OF THE CANADIAN GOVERNMENT IN THE SMR INDUSTRY

- Understand the Federal Government of Canada's push for clean energy across the country, including the June 2017 report on nuclear power from the Standing Committee on Natural Resources that advocates for SMR and advanced reactor concept exploration
- Get to grips with the role of the provincial government in the deployment of SMR technologies and map out the applicability of different reactor variants to specific provinces, allowing you to prepare your Canada SMR deployment strategy
- Interact with Canadian government officials and members of the industry allowing to explore SMR export opportunities both to and from Canada



Indirect costs such as engineering, site preparation, installation and interest during construction dominate the capital cost of new nuclear builds. This workshop promises to explore how SMRs could reduce such costs by changing the deployment paradigm for nuclear power plants.



Jacopo Buongiorno, TEPCO Professor and Associate Department Head, Nuclear Science and Engineering, Director, Center for Advanced Nuclear Energy Systems [CANES], MIT.

SESSION 4: US GOVERNMENT INSIGHTS – WHERE THE FEDERAL AND STATE GOVERNMENTS STAND ON SMRS

- Hear senior level insights from the US Department of Energy focusing on their work within the SMR and advanced reactor industry and the road ahead under a new administration, assuring you of the future of the next generation nuclear industry
- Understand State level support for nuclear power and SMR and advanced reactor technologies, understand the nuances of state siting requirements in order to best prepare for eventual SMR deployment
- Get to grips with the various opportunities for export assistance, loan support and much more from the US Federal Government and how they are preparing to receive requests to export SMR and advanced reactor technologies overseas, ensuring your business is best prepared for future project commitments

SESSION 5: US END USER PERSPECTIVES

- Hear from US utility leaders involved in SMR projects to understand their role in the planning process, siting for FOAK deployment, environmental impacts and much more, allowing you to best align yourselves with projects that need your expertise
- Get to grips with the potential for alternative applications for SMR and advanced reactors in the US, such as hybrid generation alongside renewable sources of energy, industry support, heat generation and desalination, which make SMRs and advanced reactors more economically viable
- Understand how SMR technologies may be applicable to the Department of Defence's consideration of clean technologies, including micro reactor deployment at US military forward operating bases and in military installations across the US, which will open opportunities for contractors

SESSION 6: DRIVING DOWN SMR PROJECT COSTS IN THE US

- Explore the viability of methods and technologies such as additive manufacturing, lasers and modular construction that will drive down SMR project costs in the future
- Hear from case studies in nuclear and other industries that will share best practices in keeping costs low, which will allow you to best prepare for your SMR project
- Understand the vast supply chain opportunities that SMR projects pose, map out developer needs for the future and discuss challenges such as fuel and export issues that will lead to the efficient deployment of SMR technologies

SESSION 4: ESTABLISHING A STATE OF READINESS FOR LICENSING A SMR OR ADVANCED REACTOR

- Understand the work done by the CNSC in establishing a state of readiness for licensing a SMR or advanced reactor which will lead to a safe and efficient licensing process
- Get to grips with the CNSC's work in establishing a graded approach and how this could be applicable to licensing a SMR or advanced reactor, which will notify the licensee as to the progress of their application and reassuring stakeholders and investors
- Hear about how the CNSC has been working with international regulators and the nuclear industry to best understand the requirements and technical nuances of SMR and advanced reactor licensing

SESSION 5: PAVING THE WAY AHEAD FOR SMR DEPLOYMENT IN CANADA

- Get fresh updates from Canadian Nuclear Laboratories who will delve into the work they are doing to advance SMR and advanced reactor deployment in Canada, which will allow you to understand your role in the industry
- Get to grips with supply chain needs, as well as existing nuclear capabilities in Canada, that will need to be addressed for SMR deployment to go ahead
- Understand the expertise of the Canadian nuclear industry in Candu reactors and nuclear R&D that will be essential in driving their SMR and advanced reactor industry forward

SESSION 6: MAPPING OUT THE END USER

- Interact with the unique end users in Canada, such as remote communities, mining companies, arctic stations and off grid support that could be the eventual end users of micro and small modular reactors
- Fully comprehend the political and social aspects that differ from the US, understand how working with indigenous and remote communities to understand their needs and how your project could benefit them
- Hear from OPG and Bruce Power who will be giving you crucial insights into the work they are doing to prepare for eventual SMR and advanced reactor deployment in Ontario, allowing you to align yourself with the end users that match your company's capabilities

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SAVE \$600!
 If you register by
 February 3rd

Take part in the world's largest SMR and Advanced Reactor Summit, joining leading industry figures from both the US and international market in order to tackle the challenges facing these industries in their commercialization efforts.

Get your reduced hotel room rate

By registering early you are also entitled to an exclusive room discount rate at the Westin Buckhead, spaces are limited so book soon to not miss out!

Working for a utility, regulator or the government?

Discounted passes are available for anyone working in these groups. Get access to all the conference and post-conference materials. Contact the Project Director, **Ben Moss on +44 (0) 207 375 7537** to find out more

Group discounts available!

Get a discount on bookings for 2 or more passes, simply contact the Project Director Ben Moss on +44 (0) 207 375 7537 or bmoss@nuclearenergyinsider.com

REGISTER NOW IN THREE EASY STEPS!

1. Select the Registration Package that suits your aims

| Pass Features - All Prices listed in USD | PLATINUM PASS | GOLD PASS |
|---|----------------|----------------|
| Full two-day access to the International SMR and Advanced Reactor Summit 2018 | ✓ | ✓ |
| Access to networking drinks and lunches | ✓ | ✓ |
| Access to all conference presentations and recordings post conference | ✓ | |
| Access to conference networking tool | ✓ | |
| Post conference reports and Conference polling results | ✓ | |
| Early Bird Price - expires Jan 5th | \$1,995 | \$1,795 |
| Last Chance Discount - expires Feb 2nd | \$2,195 | \$1,995 |
| Full Price | \$2,395 | \$2,195 |

2. Enter Attendee details

Mr/Mrs/Ms/Dr: _____ First name: _____ Last name: _____
 Company: _____ Position/Title: _____
 Telephone: _____ Email: _____
 Address: _____ Zipcode: _____ Country: _____

DISCOUNT CODE:
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 Enter the discount code when you register before Mar 15th to save an extra \$100

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I enclose a check/draft for: _____
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- ONLINE:** Secure & simple registration online at www.nuclearenergyinsider.com/international-smr-advanced-reactor/register.php
- EMAIL:** bmoss@nuclearenergyinsider.com
- PHONE:** Call Ben Moss on +44 (0) 207 375 7537
- FAX:** Fill out this form and faxback to 0207 375 7576

TERMS & CONDITIONS Places are transferable without any charge. Cancellations before February 23rd 2018 incur an administrative charge of 25%. If you cancel your registration after February 23rd 2018 we will be obliged to charge the full fee. Please note – you must notice Nuclear Energy Insider in writing of a cancellation, or we will be obliged to charge the full fee. The organizers reserve the right to make changes to the program without notice. All prices displayed are exclusive of VAT unless otherwise stated but, VAT will be charged where applicable, at the prevailing rate on the invoice. FC Business Intelligence Ltd. Takes every care to ensure that prices quoted are correct at the time of publishing however, bookings will only be accepted if there is no material error in the price advertised on the website. NB: FULL PAYMENT MUST BE RECEIVED BEFORE THE EVENT. Visit www.nuclearenergyinsider.com for more event information. Designed by The Creative Tree Ltd.: www.TheCreativeTree.co.uk

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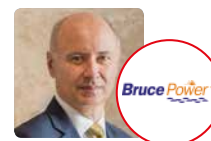
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