

# SMR Small Modular Reactor Summit 2015

SAVE \$600 If you register before Jan 23rd

APRIL 14-15, THE SHERATON HOTEL, CHARLOTTE, NORTH CAROLINA, USA

# ENSURE SUCCESS IN A RAPIDLY CHANGING SMR MARKET: DISCOVER NEW GLOBAL APPLICATIONS, ADDRESS LICENSING CHALLENGES AND SOURCE FRESH FUNDING



Loans Programs Office
Representative TBC
US Department of
Energy



Jamie Mallon Nuclear Development Manager PSEG



Krisitiina Soderholm Head of Research & Development Fortum



Phillip Hildebrandt Special Advisor Idaho National Lab with INL



David LeBlanc
Chief Technology Officer
Terrestrial Energy



Joseph Smith
Director
SmrREC

By getting beyond the science, and into the heart of the critical licensing, financial, economics debate the 5th Annual Small Modular Reactor Summit 2015 (April 14-15, Charlotte NC) looks to shake up the nuclear industry.

Executive speakers are standing-by to inject fresh confidence into the promise of SMRs; will your company be ready to take advantage of our most ambitious program yet?

- Get the latest on **public and private funding initiatives** for first-of-a-kind construction, with insight from the DOE, Wall Street and private investment groups
- Analyse energy demand projections for both nuclear and process heat markets to ensure confidence in the application of SMR's as an essential cog in a robust energy portfolio
- Gain exclusive insight into efforts required to streamline design licensing across a global SMR marketplace to understand opportunities available under international regulatory collaboration
- Ensure a robust approach to supply chain localization in the SMR industry by benefiting from crucial lessons learned in large nuclear reactor construction

### An exciting new direction for 2015

- Executive Roundtables Engage with our expert speakers and invited guests
  within intimate panel and roundtable sessions that will allow you to unlock
  solutions to the critical challenges in SMR commercialization and deployment
- Exclusive IMSR Workshop hosted by Terrestrial Energy Get to grips with the latest developments in the Gen IV Reactor arena, and understand the real economics behind one of the SMR industry's most exciting technology areas
- Clarity over international markets for SMRs Understand the motivations and expectations of international investors and customers for SMRs by examining energy efficiency demands of 'developed' vs. 'new-comer' nuclear markets







# Ensure success in a rapidly developing SMR market: discover new global applications, address licensing challenges and source fresh funding

Despite a backdrop of uncertainty earlier this year, SMRs are firmly back on the agenda for 2015. The announcement in September 2014 that the US Department of Energy will make \$12.6 billion available in the form of loan guarantees has been a boon for the US nuclear new build industry, whilst also providing vital recognition of the role SMRs are expected to play in the near future.

For the last decade SMRs have been a source of great excitement amongst the nuclear community as a potential provider of affordable and reliable base load electricity. Without the time or resource costs of constructing a new large reactors, SMRs remain the most innovative and realistic opportunity to attain a stable, competitive clean energy source.

Outside of the traditional LWR SMR design, advanced reactor concepts are also making traction. November 2014 saw **GE Hitachi, Terra Power, General Atomics**, and **Westinghouse** receive \$13 million in cost-share funding for further work on advanced reactor fuels, materials and modernization of probabilistic risk assessments. Moreover, Transatomic Power received \$2 million in capital from the Founders Fund – typically investors in Facebook – a critical signal of the great interest shown by Silicon Valley and private investment funds in small nuclear technology.

Whilst the level of funding accrued these past months varies, the message is abundantly clear. SMR technology is still destined to become a significant contributor to our future supply of base load energy. The momentum is building again - and this is just within North America.

Internationally there has been a surge in interest for SMRs to revolutionize the energy infrastructures of developed and embarking nuclear nations. From the UK to Malaysia, China to Argentina, Saudi Arabia to Russia, national nuclear agencies and utilities are exploring the future role of SMR technology as a key function in their national energy policy.

As a result, Nuclear Energy Insider is proud to announce the return of the annual Small Modular Reactor Summit with an agenda and speaker line up ready to capture all this growing excitement. With speakers already confirmed from UAMPS, PSEG, US Department of Energy, NRC, CNSC, INL, Marsh, EPRI, IAEA and many more, this summit will provide a world leading platform for valuable discussions over the critical next steps required to move closer towards SMR commercialization

With the crucial challenges facing SMRs now less technical than they are economic and regulatory, this summit will provide a world leading platform for utilities, government bodies, vendors, EPCs, regulators and suppliers to convene on the next critical questions, and determine a clear route towards deployment.

### By attending this pioneering summit with a track record of success and a brand new vision you will:

- Get the latest on vital public and private funding initiatives for firstof-a-kind construction, with insight from the DOE, Wall Street and private investment groups
- Analyse energy demand projections for both nuclear and process heat markets - to ensure confidence in the application of SMR's as an essential cog in a robust energy portfolio
- Exclusive insight into efforts required to streamline design licensing across a global SMR marketplace – to understand opportunities available under international regulatory collaboration
- Ensure a robust approach to supply chain localization in the SMR industry - by benefiting from crucial lessons learned in large nuclear plant construction

Since 2010, Nuclear Energy Insider's SMR conferences have attracted over 1000 senior executives and C level decision makers from the likes of Exelon, TVA, Energy Northwest, Ameren, Duke Energy, Xcel Energy, Dominion, SCANA, First Energy, NuScale, GmP, Holtec, Westinghouse, DOE, NRC, EDF, TOTAL, CNNC, Rosatom, NEI, Korea Hydro & Nuclear Power and many more.

Every year our summits have provided unique insight into the licensing, funding and deployment challenges and opportunities available across the SMR industry. This has allowed delegates from the US and as far afield as Korea, UK, Argentina, Australia, China, Russia, South Africa and Saudi Arabia to begin mapping out their own strategy towards SMR deployment with confidence.

# Just 3 of the brand new features coming in 2015...

- Executive Roundtables Engage with our expert speakers and invited guests within intimate panel and roundtable sessions that will allow you to unlock solutions to the critical challenges in SMR commercialization and deployment
- Exclusive IMSR Workshop hosted by Terrestrial Energy - Get to grips with the latest developments in the Gen IV Reactor arena, and understand the real economics behind one of the SMR industry's most exciting technology areas
- Clarity over international markets for SMRs – Understand the motivations and expectations of international investors and customers for SMRs by examining energy efficiency demands of 'developed' vs. 'new-comer' nuclear markets

Add to that more than 10 hours of networking opportunities and I'm sure you'll agree that there has never been a better opportunity to meet your industry peers and make new connections in a fast growing industry of newcomers, investors and potential customers.

# **Group Bookings Now Open**

Secure your place as early as possible to take advantage of our advanced booking rates at the only place to do real SMR business in 2015.

Nuclear Energy Insider is able to offer bespoke group bookings to ensure your whole team can make the most of the learning, workshop and networking opportunities available on site.

Group slots are limited so enquire now to get the best for your business!

Simply email me a kjeferies@nuclearenergyinsider.com





# Sponsorship and Exhibition opportunities available now!

Sponsoring or exhibiting at the 5<sup>th</sup> Annual Small Modular Reactor Summit provides a cost effective and invaluable tool to help deliver your brand and services to over 300 of the world's most influential SMR and nuclear stakeholders and executives.

#### **ON-SITE:**

- Thought leadership presentation and chairing slots
- Exclusive 60 minute workshop sessions
- · Products and services showcase in the exhibition hall
- Targeted brand exposure
- 1-to-1 meetings with key decision makers
- Content distribution (incl: show-quide insert, seat-drops)
- Exclusive networking sponsor (incl: coffee breaks, lunch breaks, networking receptions)

### **THROUGHOUT 4 MONTH CAMPAIGN:**

- Thought leadership content distribution (incl: whitepaper, interview piece)
- 60 minute thought leadership webinar

OVER 1000 ATTENDEES IN THE LAST 4 YEARS REPRESENTING EVERY MAJOR UTILITY, GOVERNMENT BODY, TECHNOLOGY PROVIDER, EPC AND SUPPLIER. CHECK OUT JUST SOME OF THOSE NAMES...

#### **UTILITIES**

- Ameren
- China National Nuclear Corporation
- Dominion
- · Duke Energy
- EDF
- Emirates Nuclear Energy Corporation
- Energy Northwest
- Exelon Generation
- FirstEnergy
- Florida Power & Light Company
- Korea Hydro and Nuclear Power
- King Abdullah City for Atomic and Renewable Energy
- PSEG Power
- Total

#### **VENDORS**

- NuScale
- AREVA
- Gen4Energy
- General Atomics
- General Dynamics Electric Boat
- Generation mPower
- Hitachi GE Nuclear Energy

- Holtec International
- Korea Atomic Energy Research Institute
- Westinghouse Electric Company

### **EPCS**

- Bechtel Power Corporation
- Black & Veatch
- CB&I
- DOOSAN
- Fluor Nuclear Power
- Day & Zimmermann
- Zachry Nuclear Engineering

### **INDUSTRY BODIES**

- Carolinas Nuclear Cluster
- Department of Energy
- House of Representatives
- IAEA
- Nuclear Energy Institute
- U.S Army
- U.S. NRC

#### **NATIONAL LABS**

- Argonne National Laboratory
- · Idaho National Laboratory
- Savannah River National Laboratory
- Oak Ridge National Laboratory

- Showcase your products: We will help you promote your products and brand throughout an extensive 20 week marketing campaign in addition to the two-day conference. Our exclusive whitepapers and webinars are designed to spread your message to the industry
- Premium branding: Cement your company's position as a market leader in the nuclear industry by placing your brand in front of a targeted audience
- Increase your visibility online: We will promote your brand through targeted marketing channels and get your company in front of 30,000+ key nuclear executives 3 months before the conference

#### **CURRENT SPONSORS AND EXHIBITORS ALREADY INCLUDE:**







# You're just 3 Simple Steps from a Bespoke Sponsorship Package

Match your unique requirements to a bespoke package fitting your precise business needs.

We do not believe in a 'one-size-fits-all' approach. You tell us what works for you and we will make it happen.

### List your aims

- Brand Visibility
- Thought Leadership
- Client Briefing
- Product Advertising
- Demonstrations
- Industry Goodwill
- Private Meetings

### Work out your budget

Work with your marketing team to determine your annual conference investment for the next year – make sure you assign the right budget for the right show! We can then be sure to maximise your package around your budget to ensure your goals are met and expectations are exceeded

# 3 Call me now to discuss how we can increase your visibility to the global SMR community

leuan Phillips +44 (0) 207 422 4304 iphillips@nuclearenergyinsider.com



SESSION ONE: RECOGNISING THE POTENTIAL FOR IMPROVED LICENSING EFFICIENCY UNDER A PREDICTABLE REGULATORY FRAMEWORK

### DEVELOPING THE UNITED STATES SMR REGULATORY FRAMEWORK

- Get the very latest updates on the NRC's progress towards a clear and predictable SMR licensing framework
- Understand how regulators are working to reduce uncertainty over key financial drivers such as staffing, security and Emergency Planning Zones through increasing transparency in regulatory development
- Assess the latest regulatory timeframes in order to ensure you are ready for industry growth following the earliest design submission

Mark Tonacci, Deputy Director, NRC

### FACILITATING INTERNATIONAL LICENSING FOR SMALL MODULAR REACTORS

- Gain insight into the WNA perspective of benefits to be reaped by establishing broad licensing principles
- Understand the difficulty of pursuing an SMR design export strategy without broad international design acceptance, and examine innovative new approaches that will streamline the licensing process for SMR technologies
- Assess opportunities to reform how regulatory bodies could cooperate to allow for easier integration of SMR technologies within multiple sovereign states in order to gain clarity over efforts to increase the export potential of various reactor designs

Kristiina Soderholm, Head of Research & Development, **Fortum** 

# SMR PRE-APPLICATION ACTIVITIES BY KEY VENDORS AND UTILITIES

- Exclusive insight into the pre-certification preparations being made by SMR vendors and utilities in order to understand how crucial financial drivers such as staffing, security and Emergency Planning Zones are being addressed ahead of design certification applications.
- Discuss the critical challenges being faced by utilities in approaching SMRs and understand the solutions they want to see developed prior to SMR licensing
- Receive the latest analysis on the viability of SMRs without a predictable regulatory framework to help you understand the time critical

Jamie Mallon, Nuclear Development Manager, PSEG

# SESSION TWO: ENERGY INDUSTRY ANALYSIS FOR 2015-16

### SMRS: TAKING THE NEXT CRITICAL STEPS...

- Gain the latest energy industry perspective on the utility of nuclear power as a stable source of base load electricity by measuring against the rise of renewables and natural gas both in the US and globally
- Understand how political pressure over carbon emissions is forcing the hands of energy executives to assess new sources of power for greenfield sites and determine the economic viability of SMRs as a competitive and practical regeneration of brownfield sites
- Hear how industry consortiums for the developments of SMRs are offering unique opportunities to advance the technology by bringing together expertise from across the global nuclear community

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### OVERCOMING A US-CENTRIC PERSPECTIVE OF NUCLEAR ENERGY

- Get exclusive analysis of the hydrocarbon commodity market to understand opportunities for SMRs where natural gas in not an economically viable energy source
- Discover the latest operating and maintenance expenditure forecasts for large nuclear fleets in order to help you develop a comprehensive and forward facing energy plan
- Examine the flexibility of SMRs as an important potential source of increasing a countries export profile and satisfying the need to develop and sustain high skilled labour markets for the future

Jonathan Hinze, Senior Vice President, The Ux Consulting Company

# THE INTERNATIONAL DEPLOYMENT CASE FOR SMRS

- Gain essential insight on the progression of the SMR debate from technology to economics and energy efficiency in order to allow your company to better position itself towards a complex potential customer community
- Discuss critical distinctions between the 'when' of SMRs for developed vs. embarking nuclear states in order to efficiently prioritize the roles of non-nuclear states in the development of a commercial SMR designs
- Discover the opportunities and limitations of pursuing SMR export in a diverse range of customer countries with varying energy policies and infrastructure development

Hadid Subki, Technical Lead SMRs, IAEA

### CAPITALISE ON SMR AND ADVANCED REACTOR BY-PRODUCT MARKETS

- Analyze the scope for SMR applications in the wider nuclear energy market by examining the potential for SMRs that go beyond utility power generation in order to allow your company to map out potential markets and new networks of customers
- Determine the energy efficiency standards required of SMR designs for them to tap into key industrial sectors such as co-generation, process heat manufacturing and desalinization and discuss the policy changes required to make such applications attractive to investors
- Gain crucial insight on the developments required in the regulatory environment to support confident vendor business strategies moving forwards

Don Larson, Executive Director, Energy from Thorium

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Dr Julian Rosenman, UNC School of Medicine

Dr Stephen Boyd, CTO, Aufbau Laboratories

### BEYOND BASE LOAD POWER AND TOWARDS CO-GENERATION

- Evaluate the potential opportunities for SMRs [both LWR and non-LWR designs] in energy cogeneration applications and foster innovative thinking that will make efficient use of irreplaceable hydrocarbon resources in tandem with SMR technology
- Explore the economic models available when SMRs are deployed as an essential part of an integrated energy generation system
- Discuss recent technological developments in the nuclear co-generation field in order to identify attractive new investment propositions

Phillip Hildebrandt, Special Assistant to Laboratory Director, Idaho National Lab

David Matthews, Nuclear Energy Consultants Inc

# SMRS: THE REGULATED AND MERCHANT MARKET DIVIDE

- Essential macroeconomic perspectives on the role of regulated and merchant energy markets allowing your company to identify global SMR investment opportunities
- Gain a valuable case study based awareness
  of the need to harness SMRs as a critical
  component in a comprehensive, reliable and
  diverse energy portfolio following recent fossil
  fuel shortages in extreme weather conditions

### THE VALUE OF THE MOLTEN SALT DESIGN IN SMR INNOVATION

 Critically examine the market drivers in today's energy generation industry, evaluate trends and identify nuclear deployment opportunities against the volatility of hydrocarbon power generation



- Gain valuable insight into the market size for industrial heat and examine the economic efficiency savings to be achieved when deploying Molten Salt Reactor technology as part of a increasingly diverse energy portfolio
- Understand the economic value of the Molten Salt fuel cycle by engaging with a detailed assessment of the nuclear spentfuel industry

Simon Irish, CEO, Terrestrial Energy Inc.

# EXCLUSIVE WORKSHOP - IMSR TECHNOLOGY IN THE SMR MARKET

- Get a comprehensive overview of the cost efficiencies available within the SMR market today, and understand how Integral Molten Salt Reactors are envisaged to play a major role across the globe within the innovative energy generation strategies of the near-future
- Ensure your company is aware of the most promising technological developments on the market now in order to build your companies confidence in the IMSR safety case
- Evaluate Terrestrial Energy's IMSR business case and examine potential deployment and manufacturing potential for both the base load electricity and industrial heat energy markets

Dr David LeBlanc, CTO, Terrestrial Energy Inc.

# SESSION THREE: EVALUATE VITAL OPPORTUNITIES FOR COMMERCIALIZATION AND PROJECT FINANCING

### SMRS AND THE PUBLIC PURSE: UNDERSTANDING GOVERNMENT LOAN GUARANTEES

- Gain insight into the DOE's loan guarantee solicitation in order to judge how best your company can benefit from public costsharing initiatives
- Understand the requirements to securing a government loan guarantee, including repayment prospects and qualified technologies, to see if your program is eligible to receive funding
- Discover how the avoid application problems by learning how to process your application effectively

Representative TBC, US Department of Energy's Loan Programs Office

#### **SMRS AND PRIVATE INVESTMENT POTENTIAL**

- Receive the latest updates on private financing opportunities for Advanced Reactor concepts globally
- Examine the key challenges faced in securing private sector backing and understand crucial design considerations necessary to turn your project from an exciting concept into an attractive investment opportunity
- Discover critical implications for the global supply chains under private sector backed export strategies for SMR technology

### GET TO GRIPS WITH LESSONS LEARNED IN LARGE NUCLEAR PLANT CONSTRUCTION

- Understand the importance of fostering 'cathedral-thinking' within SMR development and commercialization strategies; discuss critical timelines, expenditure concerns and resource management in order to mitigate uncertainties held by potential investors and customers
- Analyze the expected one-time costs associated with SMR design development and commercialization in order to identify opportunities to apply best practises learned in developing and constructing first-of-a-kind nuclear projects
- Discuss the potential for applying federal and state incentives for first-of-a-kind SMR construction by examining the lessons learned and regional economic benefits of large nuclear fleet deployment

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# REACTIONS TO A FIRST-OF-A-KIND FINANCING PROPOSAL

- Learn from an unprecedented Wall Street examination of a draft 'first-of-a-kind' SMR financing proposal
- Understand the fundamental details required to secure sustainable construction funding by receiving an analysis of credit worthiness, equity and long term debt profiles and the proposed conditions of a short term construction loan
- Exclusive insight into Wall Streets reaction to essential project economics in order to focus your project on what more work is needed to provide private sector confidence in SMRs

Bruce Lacy, President, Lacy Consulting Group

Wall Street Advocates TBC

# MOVING BEYOND THE SMR INDUSTRY'S FIRST CUSTOMERS

- Review the role for government clusters in backing SMR projects beyond the first isolated deployments
- Gain insight into promising developments to incorporate local, state and federal decision makers in SMR customer pool growth post-first deployment by understanding critical legislative changes required to nurture the SMR industry
- Examine the opportunities available when you integrate your company within 'market development' consortiums

David Blee, Chief Executive Officer, Nuclear Infrastructure Council

# SESSION FOUR: ASSEMBLING AN EFFECTIVE SMR SUPPLY CHAIN

### THE ESSENTIALS OF EFFICIENTLY LOCALIZING AN SMR SUPPLY CHAIN

- Benefit from important case study assessments of efficiency failures made In the localization of complex nuclear supply chains
- Hear how your brand can benefit by engaging early with supply chain formation ahead of reactor design certification in order to take technology leadership at the moment of SMR commercialization
- Engage with critical economic lessons learned in forming a high skilled labour market in deployment areas in large nuclear projects in order to understand the 'true' benefits of modular construction and vastly mitigated onsite risk reduction

Joseph Smith, Director, SMR Research and Education Consortium at Missouri S&T

# SMRS: POSITIONING FOR THE COMMERCIALIZATION OF A GLOBAL PRODUCT

- Gain a detailed analysis of the predicted economic benefits of hosting SMR production capabilities in a lucrative regional export market to allow you to effectively allocate resources ahead of reactor commercialization
- Discuss the vital manufacturing and skilled labour market capacity required to secure successful SMR commercialization in order to identify early opportunities to secure SMR production rights
- Receive executive level insight into how proposed international markets are developing comprehensive policy, financing and regulatory frameworks for SMRs in order to prepare your company for the key opportunities and critical challenges involved in the export of modularly designed reactors under diverse local standards

### EFFECTIVE RISK MANAGEMENT FRAMEWORKS IN SMR CONSTRUCTION

- Review the importance of planning for and managing risk on major nuclear construction projects to ensure that they are completed to time and budget
- Understand how SMR projects can benefit from the lessons learned on recent nuclear construction projects
- Hear about the risk management strategies behind these projects and take away insight into how SMRs can utilize similar methods to avoid costly delays

Mike Kolodner, Senior Vice President – US Power and Utilities. MARSH



















# Just some of our attendees in 2014 included...

# Just 3 of the brand new features coming in 2015...

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# Senior Operations Manager

Business Director - Nuclear Manufacturing

**Aecon** 

Vice President

Aecon

**Executive Advisor** 

**Aecon Group** 

CEO

**Akkuyu NPP** 

Director - Nuclear Projects

Ame

Global Director - Energy Sector

**∆**mec

Vice President - Sales

American Exchanger Services

Director - Gen IV Reactor Technology

Areva

Product Development Manager

Areva

Manager - Corporate Supply Management

**Babcock & Wilcox** 

Director - Technical Services

BCP Engineers & Consultants

Project Manager

**Bechtel Power Corporation** 

Vice President

- Nuclear Oversight & Regulatory Affairs

**Bruce Power** 

Senior Vice President

**Burns and Roe** 

### President

### Canadian Nuclear Partners - OPG

Acting Director - New Major Facilities Licensing Division

Canadian Nuclear Safety
Commission

Director Mechanical Engineering

**CB&I** 

**SMR Project Director** 

**CEA** 

President

CNSI

Project Coordinator

Comisión Federal de Electricidad

Senior Vice President

Contech

R&D Vice President

- New Nuclear Reactors

**Electricité De France EDF** 

Director

- Nuclear Sales

Ellis & Watts

Vice President

- Business Development

**Enercon Services** 

Senior Project Engineer

**EPRI** 

President

ETI

President

**Everson Tesla** 

Vice President -Corporate Development

**Exelon Corporatio** 

Senior Manager

- Global Media Relations

Fluor



# Ensure Success In A Rapidly Developing Smr Market: Discover New Global Applications, Address Licensing Challenges And Source Fresh Funding



















Senior Vice President Fluor

Engineering Manager Fluor Corporation

Senior Vice President & COO - Nuclear Plant Projects

**GE Hitachi** 

Vice President - Nuclear Plant Projects Sales

**GE Hitachi** 

Director

General Dynamics Electric

Director - International Business Development

**Generation mPower** 

Project Manager

Generation mPower

COO

**GSE Systems** 

Generation Outage Manager

Hoosier Energy - REC

President

Hurst Technologies
Corporation

CEO

**IBEX Engineering Services** 

Special Assistant to Laboratory Director

**Idaho National Laboratory** 

First Deputy of CEO - Development

JSK AKME Engineering

Principal Researcher

**Kepco Nuclear Fuel** 

Business Development Manager

**Kiewit Power Nuclear** 

Senior Business Development Manager

**Kiewit Power Nuclear** 

Director

**Kivalliq Energy Corporation** 

Advisory Nuclear Engineer Knolls Atomic Power Laboratory

Associate Program Leader

Lawrence Livermore National Laboratory

Senior Manager - Strategy & Business Development

**Lockheed Martin** 

Senior Project Manager Lockheed Martin

Head - Socio-Economic Development

**Magnox** 

Senior Vice President - U.S. Power & Utilities

Marsh USA

Nuclear Market Specialist

MetalTek International

Nuclear I&C Manager

Mitsubishi Electric Power Products

Director

**Navigant Consulting** 

Senior Consultant
Nexus Engineering

Director

- Business Development

**Nuclear Fuel Services** 

CEO

**NuScale Power** 

Director

- Commercial Processes

**NuScale Power** 

Senior R&D Engineer

Oak Ridge National Laboratory

Vice President

- Business & Services

**Ontario Power Generation** 

President & CEO

**Pegasus Group** 

Account Executive

**Plymouth Tube Company** 

Business Development Manager

**Rolls-Royce** 

Vice-President

**Rusatom Overseas** 

Senior Vice President

**Saint Consulting** 

Communications Consultant

**SaskPower** 

Manager

- Clean Energy Technologies

**SaskPower** 

Assistant Director

Shanghai Nuclear

Engineering Research and Design Institute

Director - Operations

SIET

Director

**SMR Nuclear Technology** 

Managing Director

**SMR Nuclear Technology** 

Director

- Technology Integration

**TerraPower** 

Technical Manager
Tetra Tech

Senior Nuclear Advisor

**TOTAL Gas & Power** 

Senior Auditor

TVA Office of the Inspector General

Business Development Associate

**UK Trade & Investment** 

Business Director

Urenco

President

**Urenco** 

Manager Business Development

UR

Senior Vice President, Energy & Science Strategic Business Unit

IIRS

Energy Advisor to the Welsh Government

Welsh Government

Senior Consultant

- Business Development

**Westinghouse Electric** 

Project Manager

**World Nuclear Association** 

Principal Member

- Technical Staff

Worleyparsons

Director

- Operations

WSC

Vice President

- Licensing

X Energy

Director

- Nuclear Regulatory Policy

**Xcel Energy** 

Engineering Account Manager

**Zachry Nuclear Engineering** 





### **Great Speakers Including....**



Krisitiina Soderholm Head of Research & Development Fortum



Kristiina Söderholm began her nuclear career in 2001 through the MSc Thesis discussing severe nuclear accidents and completed her MSc studies in physics, in 2004. And she completed her doctorate degree in nuclear engineering, in 2013, with PhD thesis on licensing process development for Small Modular Reactors.

Kristiina Söderholm has worked in several new NPP projects in different safety and licensing roles. Her responsibilities have included wide range of specialized fields, including licensing process development, technical specifications and bid evaluations, systems engineering and project management as well as various nuclear safety related responsibilities.

Currently she works as Head of Nuclear R&D in Fortum, she is board member in Finnish national R&D programs, and she is co-cheer of WNA CORDEL SMR Group. Kristiina has various publications in SMR, licensing and systems engineering fields



Jamie Mallon Nuclear Development Manager PSEG



Jamie Mallon has over 30 years of diverse experience in the Nuclear Power Industry. This includes Licensing, Regulatory Assurance, Training and Radiation Protection at operating reactors, as well as experience in decommissioning and construction of nuclear power plants. Jamie Mallon assumed the position of Early Site Permit Manager of Nuclear Development in 2008. He is responsible for PSEG's Nuclear Development activities which include Reactor Technology Evaluation, Site Feasibility studies, Transmission interconnection, and development of NRC Early Site Permit (ESP) application. The Early Site Permit approves a site as suitable for construction of a nuclear reactor. In addition he has responsibility for leading company efforts to address the regulatory changes implemented as a result of the Fukushima Dai-ichi reactor accident

### **Sharing Executive Insight**

Bring all the exclusive presentations and conference audio back to your boardroom! All presentations, audio, white papers, surveys and delegate lists are made available to Platinum Pass holders.

Secure your Platinum Pass to the world's foremost SMR meeting for only \$1,799 by Jan 23rd to save \$600!

A history of attracting the biggest names in the nuclear industry in a summit which has consistently delivered a world leading platform for executive discussions on the future of SMR development, licensing, and hard economics.

### ... and critical insight from these industry leaders



Representative Loans Program Office US Department of Energy

Nuclear Regulatory Commission Mark Tonacci Deputy Director





**Hadid Subki** Technical Lead SMRs

**International Atomic Energy Agency** 



Phillip Hildebrandt Special Advisor to Director

**Idaho National Lab** 



**Michael Kolodner** Senior Vice President

**MARSH** 



**Don Larson** *Executive Director* 



Joseph Smith
Director
SmrREC

**eGeneration** 



David Blee
Chief Executive Officer
Nuclear Infastructure Council



Bruce Lacy
Lacy Consulting Group



David Matthews

Nuclear Energy Consultants



Jonathan Hinze Senior Vice President UxC



Representative TBC **EPRI** 



Simon Irish CEO



David LeBlanc CTO

**Terrestrial Energy** 

**Terrestrial Energy** 



### 5<sup>th</sup> Annual Small Modular Reactor Summit 2015

APRIL 14-15, THE SHERATON HOTEL, CHARLOTTE, NORTH CAROLINA, USA

SAVE \$600 If you register before

**GOLD PASS** 

Sign up to secure your seat at the table for the standout SMR and Advanced Reactor discussion of 2015, and the only one that can fully prepare you for the critical challenges and exciting opportunities of the year ahead

**Preferential Accommodation** 

Don't miss any of the debate or networking opportunities by staying at our impressive conference venue! If you register before March 1st you will be entitled to a preferential guest rate. Contact us directly to find out more!

### **REGISTER NOW IN THREE EASY STEPS!**

Pass Features - All Prices listed in USD

### **Group Discounts Now Available**

As the SMR industry develops, ensure your company benefits from the opportunity to meet 300+ nuclear executives in one room. Make all the right connections, take in the full breadth of the agenda and make the most of our onsite networking and exhibition spaces by bringing your team!

**PLATINUM PASS** 

Nuclear Energy Insider now offers bespoke group discounts to groups of three or more – contact us now to find out more at kjeferies@nuclearenergyinsider.com

### 1. Select the Registration Package that suits your aims

Access to all conference pres	$\checkmark$				
Access to all conference aud	✓				
Exclusive Content Pack inclu	✓				
Access to the exclusive onlin and fellow Platinum Pass ho	✓				
Access to the full 2-day Sma	✓	$\checkmark$			
Super Early Bird Discount - Don't forget to register by Jan 23rd to secure your \$600 discount!			1,799	1,599	
Early Bird Discount - \$400 expires Feb 20 <sup>th</sup>			1,999	1,799	
Last Chance Discount - \$200 expires Mar 20 <sup>th</sup>			2,199	1,999	
Full Price			2,399	2,199	
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By getting beyond the science, and into the heart of the critical licensing, financial, economics debate the 5th Annual Small Modular Reactor Summit 2015 (April 14-15, Charlotte NC) looks to shake up the nuclear industry.

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- Gain exclusive insight into efforts required to streamline design licensing across a global SMR marketplace to understand opportunities available under international regulatory collaboration
- Ensure a robust approach to supply chain localization in the SMR industry by benefiting from crucial lessons learned in large nuclear reactor construction

### An exciting new direction for 2015

- Executive Roundtables Engage with our expert speakers and invited guests
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- Exclusive IMSR Workshop hosted by Terrestrial Energy Get to grips with the latest developments in the Gen IV Reactor arena, and understand the real economics behind one of the SMR industry's most exciting technology areas
- Clarity over international markets for SMRs Understand the motivations and expectations of international investors and customers for SMRs by examining energy efficiency demands of 'developed' vs. 'new-comer' nuclear markets



