

# 2021 INLA Nuclear Inter Jura Congress (Virtual)

## AGENDA

**Tuesday, October 26, 2021**

**Morning Session: 9:00 AM - 11:30 AM ET**

### Virtual Congress Welcome Remarks

William A. Horin, *Winston & Strawn, LLP*

*INLA President and INLA-US Chapter Board of Directors*

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#### INLA-US Chapter Board of Directors

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### **WORKING GROUP 3: THE (NEW) NEW BUILD**

*WG3 will address the evolution of new build: new geographies and new technologies. WG3 speakers will explore the prospects for the use and regulation of SMR technology in new geographies ranging from space, to the Oil patch in Western Canada, ASEAN, and emerging economies.*

#### New Strategies for New Technologies in New Geographies

- **Moderator:**
  - **Dr. Ahab Abdel-Aziz**, *Partner and Global Director, Nuclear Power, Gowling WLG – Canada. Chair of the Board of Directors of the Organization of Canadian Nuclear Industries (OCNI). President of the Canadian Nuclear Law Organization (CNLO). Member of the Board of the International Nuclear Law Association (INLA). Chair of INLA's Working Group 3 (Nuclear New Build).*

#### Topics and Speakers:

- **Sky is Not the Limit: Nuclear Power Sources in Outer Space**
  - **Dr. Priyanka M Jawale**, *Post Doctoral Research Fellow at Department of Law, Savitribai Phule Pune University – India*
- **Enhancing Transboundary Consultation in the Context of Nuclear Power Development in Southeast Asia**
  - **Dr. Nivedita S**, *Research Associate – National University of Singapore Centre for International Law – Singapore.*
- **State Support for New Builds in the EU: The Case-Law of the Court of Justice of the EU**
  - **Dr. Athanase Popov**, *Legal officer, European Commission, DG Energy – Luxembourg.*
- **Strategies for Overcoming the Regulatory Burden Facing SMR Deployment to Developing Nations**
  - **Dr. William E. Fork**, *Partner, Pillsbury. Washington DC, USA.*
- **SMRs and the Decarbonization of Canada's Oil and Gas Sector**
  - **Dr. Rudiger Tscherning**, *Associate Professor – University of Calgary Faculty of Law – Canada.*

## SPECIAL PRESENTATION

### Speaker:

- **Mr. William D. Magwood, IV**, *Director-General, Organization for Economic Co-operation and Development (OECD), Nuclear Energy Agency (NEA)*

## WORKING GROUP 2 - NUCLEAR LIABILITY AND INSURANCE

WG2 will consider why nuclear liability is important to help develop new technologies and some of the current governmental initiatives, as well as the practical arrangements of claims handling and how the insurance sector is getting prepared to deal with a massive amount of claims.

### Panel I: Nuclear Liability and the Development of New Technologies (SMRs and Fusion)

**Introduction:** Government initiatives to establish a clear nuclear liability framework for SMRs (land, transportable, floating) and fusion

- **Moderator:**
  - **Fiona Geoffroy**, *Senior Legal Advisor, EDF SA Energies Legal Department, and Secretary of the INLA WG2*
- **Speakers:**
  - **Jamie Fairchild**, *Senior Advisor, Uranium and Radioactive Waste Division, Natural Resources Canada*
  - **Ian Salter**, *Legal Director/Partner, Burges Salmon LLP, UK*
  - **Ben McRae**, *Assistant General Counsel for Civilian Nuclear Programs, Department of Energy, USA*

### Panel II: Practical Arrangements of Claims Handling

**Introduction:** Practical aspects regarding the Fukushima Daiichi accident

- **Moderator:**
  - **Ximena Vasquez-Maignan**, *Head of the Office of Legal Counsel, OECD Nuclear Energy Agency, Member of the INLA Board of Management and co-Chair of the INLA WG2*
- **Speakers:**
  - **Caj Weckstrom**, *Managing Director, Nordic Nuclear Insurers (NNI)*
  - **Daniel C. DeMerchant**, *Vice President, Claims - Legal, American Nuclear Insurers (ANI)*
  - **Gilles Trembley**, *Chairman, GEIE Claims Handling System (CHS)*

## Afternoon Session: 1:00 PM - 3:30 PM ET

### SPECIAL PRESENTATION

**Speaker:**

- **Dr. Kathryn D. Huff**, *Acting Assistant Secretary and Principal Deputy Assistant Secretary, Office of Nuclear Energy, United States Department of Energy*

### WORKING GROUP 7 - TRANSPORT

WG7 will discuss current issues and best practices for transport of radioactive waste and materials, including use of standard terms. We will also address transport issues for decommissioning projects and next-generation fuels.

Activities, including possible standard provisions for contracts for transport of radioactive materials

- **Khalil Bukhari**, *NTS Global*

Qualification of Nuclear Substances in Transport

- **Elena De Boissieu**, *NEA-OECD*

Current transport issues arising from decommissioning projects and development of new fuels for advanced reactors

- **Dan Stenger**, *Hogan Lovells*

### WORKING GROUP 4 - RADIOLOGICAL PROTECTION

WG4 will consider current issues reflecting the present status and/or the future developments of interest for the radiation protection community and others who might influence the overall quality of the global radiation protection framework.

**Moderator:**

- **Mr. Mark C. Sanders**, *Managing Director, Sanders Engineering and Chair of INLA's Working Group 4 (Radiation Protection)*.

Topics and Speakers:

**1. Planned Revision of ICRP Fundamental Recommendations for Radiation Protection**

- **Ulrike Feldmann**, *Retired. Former Chair of INLA's Working Group 4 (Radiation Protection)*.

**2. Linear No-Threshold Model and Standards for Protection Against Radiation - Proposed Rule by US NRC**

- **Mr. Mark C. Sanders**, *Managing Director, Sanders Engineering and Chair of INLA's Working Group 4 (Radiation Protection)*.

# Wednesday, October 27, 2021

**Morning Session: 9:00 AM - 11:30 AM ET**

**Virtual Congress Welcome Remarks**

William A. Horin, *INLA President, Winston & Strawn, LLP*

## **SPECIAL PRESENTATION**

**Introduction:**

- **Mark Herlach**, *Eversheds Sutherland (US) LLP*

**Speaker:**

- **Ms. Peri Lynne Johnson**, *Legal Adviser and Director, International Atomic Energy Agency, Office of Legal Affairs*

## **WORKING GROUP 5 - WASTE MANAGEMENT**

*WG5 will present a comparison of the regulation for decommissioning in several EU States, triggering a discussion on its impact. The possibilities/advantages of a regional repository will be presented and (upon confirmation) the siting process of a surface repository in Australia.*

**Welcome:**

- **Nuria Prieto Serrano**, *Technician, Department of International Cooperation and R&D, Enresa – Spain. Member of the OECD-NEA Nuclear Law Committee (NLC). Member of the Bureau of the Forum on Stakeholders' Confidence (FSC). Member of the Working Group on Radioactive Waste, European Nuclear Safety Regulators Group (ENSREG). Chair of INLA's Working Group 5 (Waste Management)*

**Presentation of Speakers:**

- **Alexandra van Kalleveen**, *Policy and Legal Officer, Directorate for nuclear safety and security, European Commission, Joint Research Centre (JRC). Secretary of INLA's Working Group 5 (Waste Management)*

**Presentations:**

### **The Establishment of a National Radioactive Waste Management Facility in Australia**

- **Karyn McIntosh**, *Government and Strategic Programs Advisor, Australian Nuclear Science and Technology Organisation (ANSTO) – Australia*

### **Policy, Strategy and Legal Issues Related to Implementing a Regional Repository**

- **Charles McCombie**, *President of the Association for Regional and International Underground Storage (Arius) – Switzerland. Secretariat of the Association of the European Repository Development Organization (ERDO) – the Netherlands*

### **The Different Regulation of Decommissioning Activities at the European Union: A Survey**

- **Nuria Prieto Serrano**, *Technician, Department of international cooperation and R&D, Enresa – Spain. Member of the Working Group on Radioactive Waste, European Nuclear Safety Regulators Group (ENSREG)*

## **WORKING GROUP 6 - NUCLEAR SECURITY AND NON-PROLIFERATION**

*WG6 will present its recently revised objectives and terms of references and will suggest a few possible topics for discussion with a view to consolidating its membership, develop its Work Plan and prepare for the 2022 INLA Congress.*

### **Speakers:**

- **Dr. Sonia Drobysz**, Working Group 6 Chair, Programme Director for National Implementation at the Verification Research, Training and Information Centre.
- **Mr. Sylvaine Fanielle**, Co-Secretary, WG6

### **Presentation:**

- Welcome and Objective of the Session
- Why Relaunch Working Group 6
- Working Group 6 Revised Terms of Reference
- Nuclear Security and Non-Proliferation Topics for Discussion
- Next Steps

## Afternoon Session: 1:00 PM - 3:30 PM ET

### SPECIAL PRESENTATION

#### Speaker:

- **Mr. Stephen G. Burns**, (Retired) General Counsel, and Chairman, of the United States Nuclear Regulatory Commission, Head of Legal Affairs for OECD/NEA

### WORKING GROUP 1 - SAFETY AND REGULATION & WORKING GROUP 8 - NUCLEAR FUSION

WG1 and new WG8 have decided to join their sessions to conduct a panel session which will look at the licensing and regulatory aspects of fusion. We will also be looking at topical issues in relation to SMRs and lifetime extensions.

#### Introduction:

- **Ian Salter**, Chairperson, WG1
- **William E. Fork**, Co-Chairperson, WG8

#### Presentations:

##### Lifetime Extensions and Environmental Impact Assessment

- **Sam Emmerechts**, Council of the European Union
- **Pierre Bourdon**, OECD Nuclear Energy Agency

##### Licensing of SMRs

- **Konsta Värri**, FORTUM

##### Licensing of New Fusion Plant in the UK – Latest UK Government Proposals

- **Ian Truman/Ian Salter**, Burges Salmon LLP

##### Regulatory Considerations for Fusion Development in the US

- **Sachin S. Desai**, Hogan Lovells LLP

##### Panel Discussion: Fusion Regulatory and Legal Developments in the US and the UK

- **Moderator:**
  - **William E. Fork**, Co-Chairperson, WG8
- **Panelists:**
  - **Jay Brister**, General Fusion
  - **Sachin S. Desai**, Hogan Lovells LLP
  - **Fiona Reilly**, FiReEnergy
  - **Ian Salter**, Burges Salmon LLP
  - **Jean-Denis Treillard**, ELINI

##### Considerations for a European Fusion Demonstration Reactor – The Lessons Europe Can Learn from the US and the UK

- **Karoly Tamas Olajos**, Co-Chairperson, WG8

### Closure of INLA Virtual Congress 2021

Announcement of INLA Nuclear Inter Jura Congress 2022, Washington, DC