



International School of Nuclear Law

Montpellier, France

26 August – 6 September 2019

Programme

**Nuclear Energy Agency
Organisation for Economic Co-
operation and Development**

**University of Montpellier
Montpellier, France**

ORGANISATION FOR ECONOMIC CO-OPERATION AND DEVELOPMENT

The OECD is a unique forum where the governments of 36 democracies work together to address the economic, social and environmental challenges of globalisation. The OECD is also at the forefront of efforts to understand and to help governments respond to new developments and concerns, such as corporate governance, the information economy and the challenges of an ageing population. The Organisation provides a setting where governments can compare policy experiences, seek answers to common problems, identify good practice and work to co-ordinate domestic and international policies.

The OECD member countries are: Australia, Austria, Belgium, Canada, Chile, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Israel, Italy, Japan, Latvia, Lithuania, Luxembourg, Mexico, the Netherlands, New Zealand, Norway, Poland, Portugal, Korea, the Slovak Republic, Slovenia, Spain, Sweden, Switzerland, Turkey, the United Kingdom and the United States. The European Commission takes part in the work of the OECD.

OECD Publishing disseminates widely the results of the Organisation's statistics gathering and research on economic, social and environmental issues, as well as the conventions, guidelines and standards agreed by its members.

NUCLEAR ENERGY AGENCY

The OECD Nuclear Energy Agency (NEA) was established on 1 February 1958. Current NEA membership consists of 33 countries: Argentina, Australia, Austria, Belgium, Canada, the Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Japan, Luxembourg, Mexico, the Netherlands, Norway, Poland, Portugal, Korea, Romania, Russia, the Slovak Republic, Slovenia, Spain, Sweden, Switzerland, Turkey, the United Kingdom and the United States. The European Commission and the International Atomic Energy Agency also take part in the work of the Agency.

The mission of the NEA is:

- to assist its member countries in maintaining and further developing, through international co-operation, the scientific, technological and legal bases required for a safe, environmentally sound and economical use of nuclear energy for peaceful purposes;
- to provide authoritative assessments and to forge common understandings on key issues as input to government decisions on nuclear energy policy and to broader OECD analyses in areas such as energy and the sustainable development of low-carbon economies.

Specific areas of competence of the NEA include the safety and regulation of nuclear activities, radioactive waste management and decommissioning, radiological protection, nuclear science, economic and technical analyses of the nuclear fuel cycle, nuclear law and liability, and public information. The NEA Data Bank provides nuclear data and computer program services for participating countries.

This document, as well as any [statistical] data and map included herein, are without prejudice to the status of or sovereignty over any territory, to the delimitation of international frontiers and boundaries and to the name of any territory, city or area.

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UNIVERSITY OF MONTPELLIER

The University of Montpellier is a direct descendant of the very first university in 12th century Montpellier that offered courses in medicine and law.

Today, “UM” is a multidisciplinary university, comprised of nine faculties, six institutes and two schools that offers broad and diverse opportunities for teaching, learning, development and research. Students have the opportunity to choose from a broad range of course options that have been designed to prepare students for the challenges of the 21st century.

UM offers Bachelor Degrees in three areas:

- Law, Economics, Management
- Science, Technology, Health
- Sports and Exercise Science and Technology

UM also offers Master Degrees in two areas:

- Law, Economics, Management
- Science, Technology, Health

In addition to these diploma programs, UM offers post-graduate education and training through SFC (*Service de formation continue*). The SFC of the University of Montpellier is also responsible for administering the International School of Nuclear Law with the Nuclear Energy Agency.

Welcome

Dear colleague,

Welcome to the International School of Nuclear Law. We hope that the programme we have designed will exceed your expectations.

The International School of Nuclear Law was established by the Nuclear Energy Agency in co-operation with the University of Montpellier in 2001 and continues to benefit from the support of the International Atomic Energy Agency.

If you have any questions, comments or concerns now or in the future regarding the International School of Nuclear Law, please contact one of us directly.

Thank you for your participation and we hope that you enjoy your time in Montpellier.

Best regards,

Ximena Vásquez-Maignan
Head
Office of Legal Counsel,
Nuclear Energy Agency

Laurence Weil
Director of SFC
University of Montpellier

Paul Bowden
Programme Leader
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London, United Kingdom

General Information

EMERGENCY PHONE: +33 (0)6 70 27 54 00
(within France, dial 06 70 27 54 00)

LOCATION OF ISNL LECTURE HALL

University of Montpellier
Espace Richter
Building B
Rue Vendémiaire

REGISTRATION INFORMATION

Please register between 8:30am and 8:50am on Monday 26 August at the ISNL Lecture Hall. You will receive your name tag upon registration. For security and identification purposes, please wear your name tag at all times during the course.

ISNL EVENTS

- **Welcome Reception:** Monday, 26 August, 5:30pm
University of Montpellier, *for participants and lecturers only*
- **ISNL Dinner:** Wednesday, 4 September, 7:00pm
Le Tôt ou Tard, *guests welcome*
- **Graduation and Reception:** Friday, 6 September, 12:00pm
University of Montpellier, *guests welcome*

OPTIONAL SOCIAL EVENTS AND EXCURSIONS

- **Opening Social:** Sunday, 25 August, 6:00pm
Le Comptoir de l'Arc
- **Guided Tour of Montpellier:** Wednesday, 28 August, 6:30pm
Meet outside Office of Tourism (*Office de Tourisme*) on the Place de la Comédie
- **Informal Happy Hour:** Thursday, 29 August, 5:15pm
Atys Café
- **Bus excursion to Avignon:** Saturday, 31 August
Departure at 9:00am, *guests welcome as space permits*
- **Informal Happy Hour:** Monday, 2 September, 5:15pm
Atys Café

USE OF INFORMATION AND MATERIALS

The information and materials provided during the ISNL is for the exclusive use of the participants and lecturers in the 2019 ISNL programme and cannot be shared with others who have not participated in the 2019 ISNL nor used for any other purpose than for the ISNL, except with the prior agreement of the lecturer.

PHOTOGRAPHY

Please be aware that photographs will be taken during the 2019 ISNL programme for promotional use. If you have any concerns about this please inform Patricia Norre.

Monday 26 August 2019

Introduction to Nuclear Law

- 9:00am **Welcoming and Opening Remarks**
Ximena Vásquez-Maignan and Paul Bowden
- 9:30am **Introduction to Nuclear Law (Part 1)**
Ximena Vásquez-Maignan
- 10:15am **Introduction to Nuclear Law (Part 2: the Organisations, Treaties and Conventions)**
Kimberly Sexton Nick
- 11:00am Coffee Break
- 11:15am **The Role of International Institutions: the IAEA**
Peri Lynne Johnson
- 12:30pm Lunch Break
- 1:45pm **The Role of International Institutions: the NEA**
Ximena Vásquez-Maignan
- 2:30pm **The Role of International Institutions: Euratom**
Wolfgang Kilb
- 3:30pm Coffee Break
- 3:45pm **Keynote Address and Q&A**
Director-General William D. Magwood, IV
- 4:45pm **History of the International School of Nuclear Law**
Patrick Reyners
- 5:00pm **International Nuclear Law Association**
Marc Beyens and Patrick Reyners
- 5:30pm **Welcome Reception**
Hosted by the University of Montpellier

Tuesday 27 August 2019

Nuclear Fuel Cycle / Radiation Protection

9:00am	Nuclear Fuel Cycle and the Economics of Nuclear Energy <i>Henri Paillère</i>
10:30am	Coffee Break
10:45am	Health Risks of Ionising Radiation <i>Abel González</i>
12:45pm	Introduction of Workshop
12:50pm	Lunch Break
2:00pm	International Radiation Protection Institutions: UNSCEAR and the ICRP <i>Abel González</i>
2:30pm	Radiation Protection for Lawyers <i>Paul Bowden and Abel González</i>
3:30pm	Coffee Break
3:45pm	Three Mile Island, Chernobyl and Fukushima: Impacts on Nuclear Law <i>Stephen G. Burns</i>
5:00pm	Introduction of Case Study
5:05pm	Preview and End of Classes

Please sign up for the optional Saturday excursion by the lunch break today.
guests welcome, as space permits

Wednesday 28 August 2019

Nuclear Safety / Regulation and Licensing

9:00am	The Convention on Nuclear Safety <i>Lisa Thiele</i>
10:00am	Coffee Break
10:15am	Regulating Nuclear Activities <i>Stephen G. Burns</i>
11:45am	Lunch Break and Preparation of Case Study
1:15pm	Licensing Nuclear Activities <i>Christian Raetzke</i>
2:45pm	Coffee Break
3:00pm	Oversight of Nuclear Activities and Case Study <i>Kimberly Sexton Nick</i>
4:30pm	Panel Discussion: Nuclear Safety <i>Stephen G. Burns, Christian Raetzke and Lisa Thiele</i>
5:15pm	Preview and End of Classes
6:30pm	Guided Walking Tour of Montpellier Departing from the Office of Tourism (<i>Office de Tourisme</i>) on the Place de la Comédie <i>*guests welcome*</i>

Thursday 29 August 2019

Environmental Protection / Radioactive Waste Management

9:00am	Environmental Law and Nuclear Activities <i>Paul Bowden and Kimberly Sexton Nick</i>
10:45am	Coffee Break
11:00am	Regulating Uranium <i>Lisa Thiele</i>
12:00pm	Lunch Break and Preparation for Workshop
1:45pm	Workshop: The Great Debates <i>Stephen G. Burns, Christian Raetzke and Lisa Thiele</i>
3:15pm	Coffee Break
3:30pm	Radioactive Waste Management and Decommissioning <i>Gloria Kwong</i>
5:00pm	Introduction of Workshop
5:05pm	Preview and End of Classes
5:15pm	Informal Happy Hour Atys Café 5 Place de la Révolution Française 34000 Montpellier

Friday 30 August 2019

Decommissioning / Joint Convention

- 9:00am **Legal Issues Related to Decommissioning**
Marc Beyens and Godelieve Vandeputte
- 10:30am Coffee Break
- 10:45am **The Joint Convention on the Safety of Spent Fuel Management and on the Safety of Radioactive Waste Management**
Wolfram Tonhauser
- 12:15pm Lunch Break and Preparation for Review Meeting
- 2:00pm **Workshop: Mock Joint Convention Review Meeting**
Wolfram Tonhauser
- 3:30pm Coffee Break
- 3:45pm **The Code of Conduct on the Safety and Security of Radioactive Sources**
Stephen Evans
- 5:15pm **Preview and End of Classes**

Saturday 31 August 2019

Optional Excursion

Please sign up for this event by the lunch break on **Tuesday, 27 August**
there is no cost for the trip to Avignon and the Pont du Gard or the tours
guests welcome, as space permits

9:00am **Departure from Montpellier**

10:30am **Arrival at Avignon**

Free time to have lunch on your own and do some shopping

Lunch **will not be provided as part of the excursion. You will find many options for lunch in town.**

1:00pm **Guided walking tour of Avignon**

Information available at:

<https://avignon-tourisme.com/en/>

4:00pm **Departure from Avignon**

4:30pm **Arrival at the Pont du Gard** (a UNESCO World Heritage Site) **and self-guided tour**

Information available at:

www.pontdugard.fr/en

[Note: It is possible to swim at the Pont du Gard. If you plan to swim, bring a bathing suit, towel and sunscreen.]

6:30pm **Departure from the Pont du Gard**

7:30pm **Approximate time of arrival in Montpellier**

Sunday 1 September 2019

Free Day

Monday 2 September 2019

Transportation / Nuclear Security

9:00am **International Regulatory Framework Governing the Safe and Secure Transport of Nuclear and Radiological Materials**

Guenther Schwarz

10:15am Coffee Break

10:30am **Transport in Practice**

Khalil Bukhari

11:30am **The Global Legal Framework Against Nuclear Terrorism**

Walter Gehr

1:00pm Lunch Break

2:15pm **Physical Protection and Illicit Trafficking of Nuclear Materials**

Anthony Wetherall

3:15pm Coffee Break

3:30pm **Open Forum / Teaching Session**

Paul Bowden and Kimberly Sexton Nick

4:30pm **Diploma Requirements**

Kimberly Sexton Nick

5:00pm **Introduction of Case Study**

5:05pm **Preview and End of Classes**

5:15pm **Informal Happy Hour**

Atys Café

5 Place de la Révolution Française

34000 Montpellier

Please sign up for the Wednesday night ISNL dinner by the end of the day today.

Tuesday 3 September 2019

Non-Proliferation / Safeguards

9:00am	Treaty on the Non-Proliferation of Nuclear Weapons <i>Laura Rockwood</i>
10:00am	Coffee Break
10:15am	Systems of Security Control: The IAEA Safeguards System <i>Cristian DeFrancia</i>
11:45am	Lunch Break and Preparation of Case Study
1:30pm	Case Study: The IAEA Safeguards System <i>Cristian DeFrancia</i>
2:30pm	Coffee Break
2:45pm	Comprehensive Nuclear-Test-Ban Treaty <i>Xiaodong Yang</i>
3:45pm	Coffee Break
4:00pm	Panel Discussion: Nuclear Security and Safeguards <i>Cristian DeFrancia, Walter Gehr, Laura Rockwood and Xiaodong Yang</i>
5:00pm	Introduction of Workshop
5:05pm	Preview and End of Classes

Wednesday 4 September 2019

Liability and Compensation / Insurance

9:00am	Liability and Compensation for Nuclear Damage <i>Julia Schwartz</i>
10:30am	Coffee Break
10:45am	Insurance of Nuclear Risks <i>Sebastiaan Reitsma and Mark Tetley</i>
12:30pm	Lunch Break and Preparation of Case Study
2:00pm	Nuclear Civil Liability in Practice <i>Ximena Vásquez-Maignan</i>
3:15pm	Coffee Break
3:30pm	Workshop: Nuclear Civil Liability <i>Julia Schwartz and Ximena Vásquez-Maignan</i>
4:30pm	Panel Discussion: Nuclear Civil Liability and Compensation + Insurance of Nuclear Risks <i>Will Fork, Ákos Frank, Sebastiaan Reitsma, Julia Schwartz, Mark Tetley and Ximena Vásquez-Maignan</i>
5:15pm	Introduction of Discussion
5:20pm	Preview and End of Classes
7:00pm	ISNL dinner at Le Tôt ou Tard 7 Place Chapelle Neuve 34000 Montpellier www.letotoutard.fr <i>*guests welcome*</i>

Please sign up for the dinner by the end of the day on Monday.

Thursday 5 September 2019

International Trade / Project Development

9:00am	International Nuclear Trade Control <i>Quentin Michel</i>
10:30am	Coffee Break
10:45am	International Nuclear Trade Control (con't) <i>Quentin Michel</i>
12:00pm	Lunch Break and Preparation for Discussion
1:30pm	Nuclear Project Development: Contracting Issues in Context <i>William Fork and Ákos Frank</i>
4:00pm	Coffee Break
4:15pm	Discussion: Keys to International Nuclear Law <i>Paul Bowden and Kimberly Sexton Nick</i>
5:00pm	Preview and End of Classes

Friday 6 September 2019

Current Issues in International Nuclear Law

- 9:00am **Nuclear New Build in the United Arab Emirates**
Noora Al Murry and Carey Fleming
- 10:00am **Nuclear New Build in China**
Chen Gang
- 11:00am **Coffee Break**
- 11:15am **Nuclear Energy Today**
Jean-Pol Poncelet
- 12:15pm **Current Issues Discussion Panel**
Noora Al Murry, Carey Fleming, Chen Gang and Jean-Pol Poncelet
- 1:00pm **ISNL Conclusion**
- 1:15pm **Graduation and Lunch Reception**
Hosted by the University of Montpellier
guests welcome