



International School of Nuclear Law

Montpellier, France

24 August – 4 September 2009

Programme



The International School of Nuclear Law was established within the University of Montpellier 1 in co-operation with the OECD Nuclear Energy Agency. The School benefits from the support of the International Nuclear Law Association and the International Atomic Energy Agency.

The 2009 Session will examine the main aspects of nuclear law, in particular nuclear safety, radiological protection, radioactive waste management, transport of nuclear materials, physical protection, non-proliferation, regulation of trade, nuclear third party liability and insurance. There will also be an opportunity to focus on challenging issues arising from the uses of nuclear energy through discussions and case studies which form an essential part of the academic programme.

GENERAL INFORMATION

1. Date

The Course will start on Monday, 24 August at 08h30 and continue until Friday, 4 September at 17h00. We encourage participants to stay in Montpellier until Saturday 5 September as it is necessary to be present until the end of classes on Friday, 4 September (including the graduation ceremony at 17h00). Early departures will only exceptionally be permitted with prior notice.

2. Location

The premises of the International School of Nuclear Law are located in the “Espace Richter”, Bâtiment E at the University of Montpellier 1 on Rue Vendémiaire (approx. 5 minutes walk from Port Marianne stop, Tram Line 1, direction Odysseum) and approx. a 10-minute tram journey from Place de la Comédie or from Gare Saint-Roch. The address is:

Espace Richter
Bâtiment E
Rue Vendémiaire
34961 Montpellier Cedex 2
France

ISNL Courses will be held in the Amphitheatre located in Bâtiment B, which is across from Bâtiment E, on Rue Vendémiaire.

3. Registration

Registration will take place on Monday 24 August, from 08h30 to 09h00, in the “Espace Richter”, reception area of Bâtiment B. Participants are requested to register upon their arrival in order to obtain their documents and badges. Badges are to be worn when attending lectures and all other events.

4. Dress Code

The dress code during the classes is informal, participants may dress casually.

5. Organisers

Director of the International School of Nuclear Law

Ms. Pascale Idoux, Professor and Director of the ISNL, University of Montpellier 1

Assisted by:

Ms. Françoise Thuile, Deputy Director of *Dideris* (Education and Training Service), University of Montpellier 1

Ms. Cora-line Cery (*Dideris*)

Chairman of the ISNL Supervisory Board

Mr. Patrick Reyners

OECD Nuclear Energy Agency

Ms. Julia Schwartz, Head of Legal Affairs, OECD Nuclear Energy Agency

Assisted by:

Ms. Selma Kuş, Legal Adviser, OECD Nuclear Energy Agency

Ms. Eileen Grison, Legal Affairs Assistant, OECD Nuclear Energy Agency

Tutor

Ms. Odette Jankowitsch-Prevor, Consultant

6. Lunches

Lunches, at participant's own cost, can be taken in the restaurants/brasseries available in the vicinity of "Espace Richter" during

the first week of the ISNL. Participants will be able to go to the university restaurant during the second week of the School.

7. Social events

Receptions

An informal gathering of students and lecturers will take place on Sunday 23 August at the bar/restaurant “La Coquille” from 18h00 to 19h00. The address is as follows: 1, rue du Plan du Palais (approx. 10 minutes walk from Place Albert 1^{er} stop).

A welcome reception will be offered by the University of Montpellier 1 on Monday 24 August.

A graduation ceremony will take place on Friday 4 September at approximately 17h00. Accordingly, students are asked not to depart from Montpellier before the evening of Friday, 4 September.

Excursions

A guided tour of the city of Montpellier is scheduled for Tuesday 25 August. We will organise a dinner at the restaurant “Le Grillardin” on Wednesday, 26 August.

An excursion shall take place on Saturday 29 August followed by wine-tasting. Return to Montpellier is foreseen at approx. 20h00.

More information about the excursions will be provided during the course.

8. Access to the Computer Room

Participants will have access to a computer room located in Bâtiment E.

In the Amphitheatre in Bâtiment B there is no WI-FI connection.

Further information on access to internet services and the computer room will be provided at the registration session.

PRACTICAL INFORMATION

1. *Transportation from the Airport*

You can reach the centre from the Montpellier Méditerranée Airport in 15 minutes by taxi or shuttle bus (navette), which departs regularly from Porte A. A one way journey from the airport to the town centre by taxi should cost approx. 35 EUR and 5 EUR by shuttle bus.

Those of you transiting through Paris are encouraged, where time permits, to retrieve your luggage in Paris and check it forward to Montpellier yourself in order to avoid bags going astray.

2. *Student Housing*

The halls of residence, where rooms have been reserved for participants who requested student accommodation, are located at the following address:

Cité Universitaire Boutonnet (Boutonnet stop)
119, rue du Faubourg Boutonnet
34053 Montpellier Cedex 1
Tel: + 33 (0)4 67 61 11 31

Please note that an attendant will be available at the reception desk to welcome participants from 08h00 to 22h00.

The price for a private room in student halls of residence is approx. 220,60 EUR with breakfast for an arrival Sunday 23 August and a departure Saturday 5 September.

Payment should be made to an official of the University of Montpellier in cash, cheque drawn on a French bank account or international credit card during the first few days of the Course. **Please note that it is not possible to stay in the student halls of residence prior to Sunday 23 August and all departures must be made by Saturday 5 September.**

Please note that bed linen is provided but you should bring your own towels.

To get to the Cité Boutonnet, please take Tram Line 1, direction Mosson and disembark at Boutonnet stop (student halls of residence are approx. 5 minutes walk from Boutonnet stop).

3. Accommodation

Participants, who have made their reservation with the list of hotels provided, will find the closest tram stops below:

- **Mercure Centre Hotel** is located at Antigone
- **Hotel du Palais**, Place Albert 1^{er}
- **Ibis Hotel** : Antigone
- **Mercure Antigone Hotel**: Place de l'Europe
- **Royal Hotel**: Comédie
- **Edward VII Hotel**: Comédie
- **Colysée-Verdun Hotel**: Comédie
- **Le Guilhem Hotel**: Place Albert 1^{er}
- **Le Mistral Hotel**: Hôtel de ville
- **Kyriad Hotel**: Léon Blum
- **Acapulco Hotel**: Stade Philippidès
- **Demeure des Brousses Hotel**: Odysseum

4. Information on Montpellier & Surroundings

You can find extensive information on tourism, hotels, activities in Montpellier and the surrounding region (including maps and guides which you may download) on the website of the Tourist Office: www.ot-montpellier.fr together with a map showing stops on Tram Lines 1 & 2 at: www.montpellier-agglo.com/tam/upload/Schema Tram 1 + Tram 2.pdf.

5. Emergency contact numbers

During your travel to Montpellier and following your arrival there, should you encounter insurmountable problems, you may contact:

Mr. Patrick Reyners (+ 33 6 80 07 42 42) or
Ms. Selma Kuş (+ 33 6 69 19 18 93)

Monday 24 August

08.30 Registration

09.00 General presentation of the Course: Introduction of the objective, content and organisation of classes, case studies and the University Diploma in International Nuclear Law (Patrick Reyners; Odette Jankowitsch-Prevor; Selma Kuş)

Break

10.00 Nuclear Fuel Cycle (Evelyne Bertel)

10.45 Discussion

11.00 Economics of Nuclear Energy in Perspective (Evelyne Bertel)

12.00 Discussion

Lunch break

International Nuclear Institutions and Nuclear Law Basics

14.00 Introduction to Nuclear Law (Carlton Stoiber)

15.00 Discussion

Break

16.00 International Nuclear Institutions and their Regulatory Role

- OECD/NEA by Julia Schwartz
- IAEA by Odette Jankowitsch-Prevor
- EURATOM by Roland Kobia

17.30 Discussion

18.00 Welcome reception hosted by the University of Montpellier 1

Tuesday 25 August

Protection Against Ionizing Radiation

- 08.30 Health Risks of Ionizing Radiation (Abel González)
- 09.30 Discussion
- 09.45 Adopting International Radiological Protection Standards (Brian Ahier)
- 10.30 Discussion

Break

- 11.15 Nuclear and Radiological Emergency Management (Brian Ahier)
- 12.00 Discussion

Lunch break

- 16.00 Panel Discussion with participants on Radiation-Related Practices (Abel González, Brian Ahier, Lars Högberg, Odette Jankowitsch-Prevor, Patrick Reyners)
- 17.30 Discussion
- 18.30 Guided tour of Montpellier

Wednesday 26 August

**Nuclear Safety and Prevention and Management
of Nuclear Accidents**

08.30 The Convention on Early Notification of a Nuclear Accident and the Convention on Assistance in the Case of a Nuclear Accident or Radiological Emergency (Odette Jankowitsch-Prevor)

09.30 Discussion

Break

10.30 The Convention on Nuclear Safety and the Concept of Nuclear Safety Culture (Carlton Stoiber)

12.00 Discussion

Lunch break

15.00 National Experience in the Regulation of Nuclear Activities: Interface between Industry and Regulatory Bodies; Rule-making; Licensing; Inspection; Enforcement (Lars Högberg)

15.45 Discussion

16.00 Case Study on Nuclear Safety

18.00 End of classes

Dinner at "Le Grillardin"

Thursday 27 August

Preventing the Proliferation of Nuclear Weapons

- 08.30 Historical and Policy Dimensions of Nuclear Non-proliferation and an Emerging International Law of Nuclear Non-proliferation (Carlton Stoiber)
- 09.30 Discussion
- Break***
- 10.15 Systems of Security Control: the IAEA Safeguards System (Laura Rockwood)
- 11.30 Discussion
- 12.00 *Lunch break & preparation of case study***
- 16.00 Case Study on Comprehensive Safeguards Agreements and the Model Additional Protocol (Laura Rockwood)
- 18.00 End of classes**

Friday 28 August

Nuclear Security - Physical Protection & Illicit Trafficking

08.30 Physical Protection and Illicit Trafficking of Nuclear Materials
(Carlton Stoiber)

09.45 The Code of Conduct on the Safety and Security of Radioactive
Sources, Guidance on the Import and Export of radioactive source
(Patrick Reyners)

10.30 Discussion

Break

11.30 The Global Legal Framework against Nuclear Terrorism (Walter
Gehr)

12.15 Discussion

12.45 *Lunch break & preparation of case study*

16.00 Case Study on Illicit Trafficking of Nuclear Materials (Carlton
Stoiber)

18.00 End of classes

Saturday 29 August

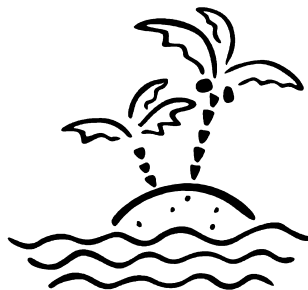
Optional excursion (full day)

An excursion shall take place, followed by a visit and wine-tasting on the Mediterranean coast. More information in this respect will be provided in due course.



Sunday 30 August

Free programme



Monday 31 August

The Management of Spent Fuel and Radioactive Waste

08.30 The Joint Convention on the Safety of Spent Fuel Management and on the Safety of Radioactive Waste Management (Wolfram Tonhauser)

09.45 Discussion

Break

10.30 Incorporating the Joint Convention into National Law – The Case of Switzerland (Alec Baer)

11.30 Video

12.15 Discussion

13.00 *Lunch break & preparation of case study*

15.30 Case Study on the Joint Convention on the Safety of Spent Fuel Management and on the Safety of Radioactive Waste Management (Wolfram Tonhauser)

18.00 End of classes

Tuesday 1 September

The Transport of Nuclear Materials and Fuel

08.30 The International Law Governing the Safe and Secure Transport of Nuclear & Radioactive Materials (Odette Jankowitsch-Prevor)

Break

10.00 The IAEA and the Safe Transport of Radioactive Material (Gerardus Dicke)

11.00 IAEA Video on the Transport of Radioactive Material

11.30 Discussion

Lunch break

Environmental Protection

14.30 The Growing Impact of Environmental Law on Nuclear Activities (Sam Emmerechts)

15.15 Discussion

15.30 Environmental Impact Assessments in the Nuclear Field (Jorma Aurela)

16.15 Discussion

Break

17.00 Discussion of scenarios (Sam Emmerechts, Jorma Aurela)

18.00 End of classes

Wednesday 2 September

International Trade of Nuclear Materials and Equipment

08.30 General Introduction: Specificity of Nuclear Trade Rules (André Bouquet)

09.30 Competition Rules for Nuclear Energy (André Bouquet)

Break

11.00 Export Control Rules (Quentin Michel)

12.00 Discussion

12.30 *Lunch break and preparation of case study*

15.00 Supply and Ownership Rules of the Euratom Treaty Chapters 6 and 8 (Tamás Barsi)

16.00 Case Study on Export Control (Quentin Michel) and Supply (Tamás Barsi)

18.00 End of classes

Thursday 3 September

Liability and Compensation for Nuclear Damage

- 08.30 Liability and Compensation for Nuclear Damage (Julia Schwartz)
- 09.30 Modernising the International Regime Governing Nuclear Third Party Liability (Norbert Pelzer)
- 10.30 Discussion

Break

- 11.15 Nuclear Civil Liability Regimes in Various Countries (Julia Schwartz)
- 12.00 Discussion
- 12.30 *Lunch break & preparation of case study***
- 15.30 Case Study on Third Party Liability Issues (Norbert Pelzer)
- 18.00 End of classes**

Friday 4 September

Compensation for Nuclear Damage - Insurance of Nuclear Risks

- 08.30 Insurance of Nuclear Risks (Sebastiaan Reitsma – Mark Tetley)
- Establishment and Organisation of Nuclear Insurance Pools
 - Third Party Liability Insurance for Nuclear Installations

Break

- 10.30 Insurance of Nuclear Risks (Sebastiaan Reitsma)
- Other Types of Insurance Cover
 - Recent Developments in relation to Global Terrorism

- 11.30 Discussion

Lunch break

Closing Session

- 14.30 Keynote speaker:

- 15.15 Discussion

- 17.00 Graduation Ceremony**

List of Lecturers

Ahier, Brian, Administrator, Radiation Protection and Radioactive Waste Management Division, OECD Nuclear Energy Agency

Aurela, Jorma, Senior Engineer, Ministry of Trade and Industry, Finland

Baer, Alec, Professor, Switzerland

Barsi, Tamás, Legal Officer, European Commission, European Supply Agency

Bertel, Evelyne, Advisor, Former Deputy Head of the Nuclear Development Division at the OECD Nuclear Energy

Bouquet, André, Administrator, Legal Service, European Commission

Emmerechts, Sam, Legal Adviser, OECD Nuclear Energy Agency

Gehr, Walter, Project Coordinator, Terrorism Prevention Branch, United Nations Office on Drugs & Crime

González, Abel, Member of UNSCEAR

Högberg, Lars, Advisor, Former Director General of Sweden's Nuclear Power Inspectorate

Jankowitsch-Prevor, Odette, Former Senior Lawyer, IAEA

Kobia, Roland, Member of Cabinet of Mr. Andris Piebalgs, European Commission

Michel, Quentin, Professor, University of Liège, Belgium

Pelzer, Norbert, Consultant, Retired Academic, University of Göttingen, Germany

Reitsma, Sebastiaan, Manager, Insurance Pool for Nuclear Risks, Switzerland

Reyners, Patrick, Consultant, Secretary General of the International Nuclear Law Association

Rockwood, Laura, Section Head for Non-proliferation and Policy-making Organs, Office of Legal Affairs, International Atomic Energy Agency

Schwartz, Julia, Head of Legal Affairs, OECD Nuclear Energy Agency

Stoiber, Carlton, Consultant, Former Director of the Office of International Programs, US Nuclear Regulatory Commission

Tetley, Mark, Managing Director, Nuclear Risk Insurers Ltd, United Kingdom

Tonhauser, Wolfram, Section Head, Nuclear and Treaty Law Section, Office of Legal Affairs, International Atomic Energy Agency