



**11<sup>th</sup> Session of the  
International School of Nuclear Law**

**Montpellier, France**

**22 August – 2 September 2011**





**T**he International School of Nuclear Law was established by the OECD Nuclear Energy Agency in co-operation with the University of Montpellier<sup>1</sup>. The School benefits from the support of the International Atomic Energy Agency.

The 2011 Session will examine the main aspects of international nuclear law, in particular nuclear safety, radiological protection, radioactive waste management, transport of nuclear materials, physical protection, non-proliferation, environmental protection, 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.



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## GENERAL INFORMATION

### **1. Date**

The Course will start on Monday, 22 August at 09h30 and continue until Friday, 2 September at 17h00. We encourage participants to stay in Montpellier until Saturday 3 September as it is necessary to be present until the end of classes on Friday, 2 September (including the graduation ceremony at 17h00).

### **2. Location**

The premises of the International School of Nuclear Law are located at:

University of Montpellier 1  
Espace Richter  
Rue Vendémiaire  
34961 Montpellier Cedex 2  
France

The ISNL Courses will be held in the lecture hall “salle 008” located in Building B. In order to reach the premises from the centre of Montpellier, i.e. from “Place de la Comédie” or from “Gare Saint-Roch”, please take Tram Line 1, direction “Odysseum” and get off at the stop “Port Marianne” (approximately 15-minute journey).

### **3. Registration**

Registration will take place on Monday 22 August, from 09h00 to 09h30, in the “Espace Richter”, reception area of Building 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. Management**

*Chairman of the ISNL Supervisory Board*

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

*Director of the International School of Nuclear Law*

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

*Programme leader*

Mr. Paul Bowden, Freshfields Bruckhaus Deringer LLP, London, U.K.

#### **6. Lunches**

Lunches, which will be at participant's own cost, can be taken in the restaurants/brasseries available in the vicinity of the university.

#### **7. Social events**

*Receptions*

An informal gathering of students and lecturers will take place on Sunday 21 August at the bar/restaurant "La Coquille" at 18h00 (address: 1, rue du Plan du Palais – approx. 10 minutes walk from "Place Albert 1<sup>er</sup>" stop).

A welcome reception will be offered by the University of Montpellier 1 on Monday 22 August.

A graduation ceremony will take place on Friday 2 September at approximately 17h00. Accordingly, students are asked not to depart from Montpellier before the evening of Friday, 2 September.

## *Excursions*

A guided tour of the city of Montpellier is scheduled for Tuesday 23 August followed by a dinner at the restaurant “Le Grillardin”.

An excursion shall take place on Saturday 27 August followed by wine-tasting. Return to Montpellier is foreseen at approximately 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. Further information on access to internet services and the computer room will be provided during the course.



## PRACTICAL INFORMATION

### **1. *Transportation from the Airport***

You can reach the centre from the Montpellier Méditerranée Airport by taxi or shuttle bus (navette), which departs regularly from “Porte A”. A one-way journey from the airport to the city centre should cost approx. EUR 35 by taxi and EUR 5 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 (tram stop: “Boutonnet”)  
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 approximately EUR 202 without breakfast for an arrival Sunday 21<sup>st</sup> August and a departure Saturday 3 September.

Payment should be made to an official of the University of Montpellier in cash or cheque drawn on a French bank account (no credit card!) on the first day of the course. **Please note that it is not possible to stay in the student halls of residence prior to Sunday 21<sup>st</sup> August and all departures must be made by Saturday 3 September.**

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

In order to reach the Cité Boutonnet, please take Tram Line 1, direction “Mosson”, and disembark at “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:** Antigone
- **Ibis Hotel:** Antigone
- **SuiteHotel:** Antigone
- **Mercure Antigone Hotel:** Place de l’Europe
- **Royal Hotel:** Comédie
- **Edward VII Hotel:** Comédie
- **Colysée-Verdun Hotel:** Comédie
- **Hotel du Palais:** Place Albert 1<sup>er</sup>
- **Le Guilhem Hotel:** Place Albert 1<sup>er</sup>
- **Le Mistral Hotel:** Hôtel de Ville
- **Kyriad Hotel:** Léon Blum
- **Acapulco Hotel:** Stade Philippidès

### **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](http://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](http://www.montpellier-agglo.com/tam/upload/Schema_Tram_1+_Tram_2.pdf).

### **5. Emergency contact number**

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

Ms. Selma Kuş at + 33 6 69 19 18 93

## Monday 22 August

- 09.00 Registration
- 09.30 General presentation of the Course: Introduction of the objective, content and organisation of classes, case studies and the University Diploma in International Nuclear Law (Paul Bowden; Julia Schwartz; Selma Kuş)

### *Break*

- 10.30 Nuclear Fuel Cycle (Ron Cameron)
- 11.15 Discussion
- 11.30 Economics of Nuclear Energy in Perspective (Ron Cameron)
- 12.30 Discussion

### *Lunch break*

### **International Nuclear Institutions and Nuclear Law Basics**

- 14.00 Introduction to Nuclear Law (Paul Bowden)
- 15.00 Discussion

### *Break*

- 16.00 International Nuclear Institutions and their Regulatory Role
- OECD/NEA by Julia Schwartz
  - IAEA by Odette Jankowitsch-Prevor
- 18.00 Welcome reception hosted by the University of Montpellier 1**

**Tuesday 23 August**

**Protection against Ionising Radiation**

- 08.30 Health Risks of Ionising Radiation (Malcolm Crick on behalf of Abel González)
- 09.30 Discussion
- 09.45 Adopting International Radiological Protection Standards (Hans Riotte)
- 10.30 Discussion

***Break***

- 11.15 Nuclear and Radiological Emergency Management (Burçin Okyar)
- 12.00 Discussion

***Lunch break***

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

- 14.00 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)
- 15.00 Discussion

***Break***

- 16.00 The Convention on Nuclear Safety and the Concept of Nuclear Safety Culture (Carlton Stoiber)
- 17.30 Discussion
- 18.30 Guided tour of Montpellier followed by dinner at “Le Grillardin”**

**Wednesday 24 August**

**Radiation Protection, Nuclear Safety and Emergency Management**

**P A N E L**

09.00 Panel on Nuclear Safety, Emergency Management and Radiological Consequences following the Accident at Fukushima (Hans Riotte, Odette Jankowitsch-Prevor, Carlton Stoiber, Burçin Okyar, Paul Bowden)

*Lunch break*

**National Regulatory Activities: Interface between Industry and Regulatory Bodies; Rule-making; Licensing; Inspection; Enforcement**

14.30 Regulatory perspective (Stephen Burns)  
15.45 Discussion  
16.15 Industry perspective (Christian Raetzke)  
17.30 Discussion

**18.00 End of classes**

**Thursday 25 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 Radioactive Waste Management – A National Experience and Industry Perspectives (Stanley Berger)

11.30 The Decommissioning of Nuclear Power Plants – Regulatory and Financing Issues (Claudio Pescatore, Paul Bowden)

12.15 Discussion

**13.00 *Lunch break and 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**

**Friday 26 August**

**The Transport of Nuclear Materials and Fuel**

08.30 The International Law Governing the Safe and Secure Transport of Nuclear & Radioactive Materials (Günther Schwarz)

***Break***

10.00 IAEA Video on the Transport of Radioactive Material

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

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**

**Saturday 27 August**

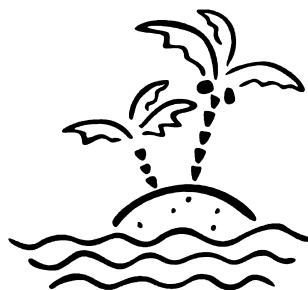
**Optional excursion (full day)**

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 28 August**

Free programme



**Monday 29 August**

**Preventing the Proliferation of Nuclear Weapons**

08.30 Treaty on the Non-proliferation of Nuclear Weapons  
(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 and preparation of case study***

16.00 Case Study on Comprehensive Safeguards Agreements and the Model  
Additional Protocol (Laura Rockwood)

**18.00 End of classes**

**Tuesday 30 August**

**Nuclear Security - Physical Protection & Illicit Trafficking**

08.30 The Code of Conduct on the Safety and Security of Radioactive Sources, Guidance on the Import and Export of radioactive source (Johan Rautenbach)

09.45 Discussion

***Break***

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

11.45 Discussion

**12.45 *Lunch break and preparation of scenarios***

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

15.45 Discussion

16.15 Discussion of scenarios on Illicit Trafficking of Nuclear Materials (Carlton Stoiber)

**18.00 End of classes**

**Wednesday 31 August**

**International Trade of Nuclear Materials and Equipment**

08.30 Euratom

09.30 General Introduction: Specificity of Nuclear Trade Rules  
(Quentin Michel)

10.30 Discussion

***Break***

11.00 Export Control Rules (Quentin Michel)

12.00 Discussion

**12.00 *Lunch break and preparation of case study***

15.00 Case Study on Export Control (Quentin Michel)

**17.00 End of classes**

## Thursday 1 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 and preparation of case study***

- 15.30 Case Study on Third Party Liability Issues (Norbert Pelzer)  
  
**18.00 End of classes**

## Friday 2 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: Ahab Abdel-Aziz
- 15.15 Discussion
- 17.00 Graduation Ceremony**

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## List of Lecturers

**Abdel-Aziz, Ahab**, Partner, Heenan Blaikie LLP, Canada

**Aurela, Jorma**, Chief Engineer, Energy Department, Ministry of Employment and the Economy, Finland

**Berger, Stanley**, Vice-President, International Nuclear Law Association, Founding Director, President Canadian Nuclear Law Organization, Assistant General Counsel, Ontario Power Generation Inc., Canada

**Bowden, Paul**, Freshfields Bruckhaus Deringer LLP, United Kingdom

**Burns, Stephen**, General Counsel, U.S. Nuclear Regulatory Commission

**Cameron, Ron**, Head of the Nuclear Development Division at the OECD Nuclear Energy Agency

**Crick, Malcolm**, United Nations Scientific Committee on the Effect of Atomic Radiation

**Dicke, Gerardus**, Transport of Radioactive Material Consultant

**Emmrechts, 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

**Jankowitsch-Prevor, Odette**, Former Senior Lawyer, IAEA consultant

**Kobia, Roland**, Ambassador, Head of Delegation, European Union

**Michel, Quentin**, Professor, University of Liège, Belgium

**Okyar, Burçin**, Administrator, Radiation Protection Division, OECD Nuclear Energy Agency

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

**Pescatore, Claudio**, Principal Administrator for Radioactive Waste Management and Decommissioning, OECD Nuclear Energy Agency

**Raetzke, Christian**, Lawyer, Head of International Regulatory Affairs, E.ON, Kernkraft GmbH, Germany

**Rautenbach, Johan**, Consultant, Former Head of the IAEA, Office of Legal Affairs, Austria

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

**Riotte, Hans**, Head of Radiation Protection and Radioactive Waste Management Division, OECD Nuclear Energy Agency

**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

**Schwarz, Günther**, Consultant, Aachen, Germany

**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

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