



LES CHANTIERS DU NUCLÉAIRE

The interdisciplinary conference « How can the social sciences help us understand the nuclear world? » will engage with the relations between nuclear and social science research. It seeks to assess and further develop existing research by making explicit the theoretical approaches, research methods, fieldwork challenges surrounding the nuclear phenomenon. It also seeks to bring into discussion hitherto neglected or marginal aspects of existing research. Second, we would like to question the relevance of social science to contemporary nuclear debates and policy making and identify possible further areas of study.

PROGRAMME

WEDNESDAY 27TH JUNE

09h00 PARTICIPANTS' WELCOME – Salle de conférences.

10h00 OPENING

Yves WINKIN, director of Institut français de l'éducation (Ifé).

Françoise LAFAYE, ethnologist, researcher at ENTPE, UMR EVS CNRS.

10h45 BREAK

11h00 PLENARY TALK

Françoise ZONABEND, anthropologist, directeur d'études at EHESS (Paris, France).

12h00 DISCUSSION

12h30 LUNCH

14h00 SESSION 1: NUCLEAR DISCOURSES - CONTENTS AND LEGITIMACIES

Chair: **Yves WINKIN**, anthropologist, Professor at ENS Lyon.

- **Danielle CANDEL**, CNRS – UMR 7597, Université Denis Diderot – Paris 7:
The terminology surrounding nuclear discourse: from dictionary definitions to industrial practices.
 - **Catherine ALEXANDER**, Goldsmith's, University of London:
The problem of recognizing nuclear objects.
 - **Morgan MEYER**, CNRS - Ecole des Mines de Paris and **Anne BERGMANS**,
University of Antwerp (Belgium):
*When things speak for themselves: The role of underground laboratories and
material objects in demonstrating safety.*
 - **Behnam TAEBI** and **Jan Leen KLOOSTERMAN**, Delft University of Technology:
*Designing for nuclear safety, security and sustainability: a philosophical
discourse of the nuclear reactor.*
-

16h00 BREAK

16h30 NUCLEAR IN FILMS

Chair: **Christian LALLIER**, anthropologist, adjunct professor at ENS Lyon.

- Film *Welcome to nuclear land*, introduced by director **Esther HOFFENBERG**
and followed by a round table – discussion.
-

18h30 COCKTAIL - Salon de l'Ifé

THURSDAY 28TH JUNE

08h30 PARTICIPANTS' WELCOME – Salle de conférences.

09h00 SESSION 2: HISTORY, TIME AND SPACE. TROPES OF NUCLEAR ACTIVITY

Chair: **Jacques Donze**, geographer, professor emeritus, Université Lyon 3.

Mahdi KELFAOUI, CIRST, Université du Québec à Montréal:

A history of the Gentilly-1 nuclear plant : a technological failure ?

Léonard LABORIE, CNRS – IRICE (UMR 8138):

Towards a history of the nuclear industry: existing approaches and future research.

Laurence RAINEAU and **Sophie POIROT-DELPECH**, CETCOPRA - Université de Paris 1
Panthéon-Sorbonne:

Conflicting temporalities in the geological disposal of nuclear waste.

Franck OLLIVON, ENS Lyon:

Analyzing the Canadian nuclear industry from a territorial angle : how does a nuclear plant shape space?

11h00 BREAK

11h30 SESSION 3: CITIZEN MOBILIZATIONS AND THE EXPERIENCE OF DISASTER.

Chair: **Peter SIMMONS**, sociologist, senior lecturer, University of East Anglia

Birgit MULLER, ILAC-LAIOS, EHESS Paris:

"We could make a moonscape out of the whole country..." Anti-Nuclear Activism at the Czech - Austrian Border.

Frédéric LEMARCHAND, CERReV, Université de Caen:

From one catastrophe to another : living with the atom in Chernobyl and Fukushima.

Emmanuel RIVAT, Centre Emile Durkheim, Science po Bordeaux:

Anti-nuclear contestation in Europe : an interplay between information, confrontation and political communication (1970-2010).

13h00 LUNCH

14h00 PLENARY TALK

by **Peter GALISON**, historian and philosopher of science, Professor at Harvard University
(via videolink)

15h00 DISCUSSION

15h30 BREAK

16h00 SESSION 4: SOCIAL SCIENCE MEETS THE NUCLEAR INDUSTRY

Chair: **Yannick BARTHE**, sociologist, researcher at CNRS - Centre de Sociologie de l'innovation, Ecole des Mines de Paris.

Marc MORMONT, Université de Liège et **Anne BERGMANS**, University of Antwerp :
Renegotiating repository safety : the history of the conception of a LILW repository.

Luis APARICIO, Agence nationale de gestion des déchets radioactifs (ANDRA)
The contribution of Social Sciences and Humanities to the scientific program for radioactive waste management of ANDRA.

Christine FASSERT, Institut de radioprotection et de sécurité nucléaire (IRSN):
Public experts and nuclear catastrophes.

17h30 BREAK

17h45 POSTER SESSION

18h30 Chairs: **Romain j. Garcier** and **Françoise Lafaye**.

20h00 CONFERENCE'S DINNER

Restaurant « Chez Jols », 283 Avenue Jean Jaurès, 69007 Lyon

FRIDAY 29TH JUNE

08h30 PARTICIPANTS' WELCOME – Salle de conferences.

9h00 PLENARY TALK

by **Hugh GUSTERSON**, anthropologist, Professor at George Mason University (USA).

10h00 DISCUSSION

10h30 BREAK

11h00 SESSION 5: NUCLEAR GOVERNANCE

Chair: **Sandra LAUGIER**, philosopher, professor at University Paris 1 - Panthéon Sorbonne.

Philippe BILLET, Université Lyon 3:
Nuclear secrecy vs the right to participation.

Markku LEHTONEN, University of Sussex:
Has Fukushima ended the nuclear renaissance ? An analysis of post-Fukushima media debates in Finland, France and the UK.

Bérénice GIRARD, EHESS:
Science, nuclear technology, politics and nation building: what is left of Nehru's India in our uncertain times?

12h00 DISCUSSION

12h30 LUNCH

14h00 SESSION 6: WORKING IN THE NUCLEAR INDUSTRY. TRAINING AND WORK COLLECTIVES.

Chair: **Samuel LEZE**, anthropologist, associate professor at ENS Lyon (France).

Pierre FOURNIER, LAMES - Université de Provence
The nuclear industry : a workerless environment ?

Nicolas LOT, CERSO - Université Paris 9 -Dauphine:
The dynamics of uncertainty in nuclear power stations : an interdisciplinary approach.

Richard MARION, Université de Lausanne:
Sino-French nuclear engineering curricula: what kind of innovation configuration?

15h30 BREAK

16h00 DISCUSSION

17h00 CLOSING
Romain j. Garcier.

INFORMATIONS

SCIENTIFIC COMMITTEE

Pr. Catherine Alexander, anthropology, Goldsmiths, University of London.

Dr. Yannick Barthe, sociology, CNRS-CSI Ecole des Mines de Paris.

Pr. Philippe Billet, law, Université Jean Moulin Lyon3.

Pr. Pierre Bringuier, law, Université de Montpellier.

Pr. Sandra Laugier, philosophy, Université Paris 1 Panthéon Sorbonne.

Dr. Peter Simmons, sociology, School of Environmental Sciences, University of East Anglia, Norwich.

Pr. Sébastien Velut, geography, Institut des Hautes Etudes d'Amérique Latine, Paris.

Pr. Yves Winkin, anthropology, Ecole normale supérieure de Lyon, Institut français de l'Education.

ORGANIZATION COMMITTEE

Dr. Romain Garcier, Ecole normale supérieure de Lyon - UMR CNRS EVS.

Dr. Françoise Lafaye, Ecole nationale des travaux publics de l'Etat - UMR CNRS EVS.

Dr. Samuel Lézé, Ecole normale supérieure de Lyon, Institut français de l'Education.

CONTACTS

Dr. Françoise Lafaye : francoise.lafaye@entpe.fr

Dr. Romain Garcier : romain.garcier@ens-lyon.fr

WEBSITE

nucleaire-shs.sciencesconf.org