

ETHICS AND RADIOLOGICAL PROTECTION

CRITICAL PERSPECTIVES ON JUSTIFICATION, LIABILITY AND INTERGENERATIONAL JUSTICE

UCL, LOUVAIN LA NEUVE

MAY 26-27, 2005

PISA



UCL

CITES & Chaire Hoover

Program

FIRST DAY - THURSDAY 26 MAY On the principle of justification

8h45

Registration

9H00

General welcome at UCL by Bernard FELTZ (UCL)
Introductory words by Prof. Ronald KEUNINGS,
Prorector for research activities (UCL)

9h10

Session 1: The principle of justification: setting the scene

Chairman: Bernard FELTZ (UCL)

- Bernard FELTZ (UCL): *Mise en perspective de l'éthique dans ses rapports avec la science: la justification en question.*
- Paul GOVAERTS, (SCK•CEN & UCL): *Justification principle: lessons to be learned for the sake of radiation protection.*
- Gilbert EGGERMONT (SCK•CEN & VUB): *Critical review of ethical and legal issues in the draft 2005 ICRP Recommendations.*

10h30

Coffee Break

10h55

Session 2: The scientific rationale of the justification principle: risks and uncertainties with low doses.

Chairman: Patrick SMEESTERS (AFNC-FANC & UCL)

- Patrick SMEESTERS (AFNC-FANC & UCL): *Introduction aux effets des rayonnements ionisants; la base de la justification et de la précaution (susceptibilité génétique) et leurs incertitudes.*
- Paul JACQUET (SCK•CEN): *"Genetic factors and radiation effects in early embryos".*

- Louis DE SAINT-GEORGES (SCK•CEN): *The radiological risk. Uncertainty related to low dose exposure. Genetic susceptibility.*
- Christian DESAINTE (EC): Report on session 2.

12h25

Lunch in town (free)

13h55

Session 3: Ethics, justification and precaution

Chairman and introduction: Axel GOSSERIES
(FRNS-UCL)

- Per WIKMAN (Royal Institute of Technology, Stockholm): *Ethical and Philosophical Issues in the Foundation of Radiation Protection.*
Respondent: Michel BOVY (SCK•CEN & ULG)
- Stephen M. GARDINER (Princeton University and University of Washington): *Ethics and the Principles of Radiological Protection.*
Respondent: Marie-Claire CANTONE,
(Università degli Studi di Milano, Dipartimento di Fisica, INFN)

15h25

Coffee Break

15h50

- Olivier GODARD (CNRS, Ecole polytechnique, Paris): *Les principes ALARA et de justification: des précurseurs du principe de précaution ?*
Respondent: Michel BOVY (SCK•CEN & ULG)
- Mark LOOS (SCK•CEN): Report on session 3

16h50

Round table and exchanges with the audience.

Chairman: Gustaf ARRHENIUS (Stockholm University)

17h50

Closing comments: Bernard FELTZ

20h

Conference Dinner at Louvain-la-Neuve for speakers and participants who registered for it

SECOND DAY - FRIDAY 27 MAY

LEGAL LIABILITY AND INTERGENERATIONAL RESPONSIBILITY

8h30

Arrival of participants

8h50

Session 4: Ethics and legal liability

Chairman and introduction: Michel BOVY (SCK•CEN & ULg)

- Geneviève SCHAMPS (UCL): *Le principe de précaution peut-il constituer un fondement pour un régime de responsabilité civile ?*
Respondent: Steven LIERMAN (UA & Court of Cassation)
- Chloée DEGROS (SCK•CEN & UCL): *le principe de justification utilisé par la CIPR.*
Respondent: Axel GOSSERIES (UCL)

10h10

Coffee Break

10h40

- Michel SONCK (AVN): *La justification médicale dans les recommandations ICRP 2005* (groupe de travail ABR/BVS).
Respondent: Gilbert EGGERMONT (SCK•CEN & VUB).
- Ludo VEUCHELEN (SCK•CEN): *"Justification, Optimisation (ALARA) and Dose Limits as Basic Safety Standards in Nuclear Law, confronted with the Precautionary Principle"*.
Respondent: Frank HARDEMAN (SCK•CEN)
- Marian DEBLONDE (STEM-UA): report on session 4

12h30

Round table and exchanges with the audience

Chairwoman: Marie-Claire CANTONE (University MILANO)

13h00

Lunch in town (free)

14h20

Session 5: Justice between generations

Chairman and introduction: Charles AJ VLEK (University of Groningen)

- Gustaf ARRHENIUS (Stockholm University): *Future Generations and Radioactive Waste: Are We Justified in Discounting the Remote Effects of our Energy Policies?*
Respondent: Axel GOSSERIES (FNRS - UCL)
- Wha-Chul SON (KUL): *Nuclear Waste Disposal and the Future Generation: The Korean Case.*
Respondent: Geert VOLCKAERT (SCK•CEN)

15h50

Coffee Break

16h10

- Axel GOSSERIES (FNRS-UCL): *The Worst Case Scenario and the Least Advantaged.*
Respondent: Gunter BOMBAERTS (UGent & SCK•CEN)
- Peter DE PRETER (NIRAS-ONDRAF): report on session 5

16h50

Round table and exchanges with the audience

Chairman: Gaston MESKENS (SCK•CEN)

17h30

Closing words and comments: Bernard FELTZ

ORGANISING COMMITTEE

SCK•CEN

1) Professor Gilbert EGGERMONT (VUB and SCK•CEN, PISA: Program of Integration of Social Activities into Nuclear Research),

2) Dr Michel BOVY (SCK•CEN, PISA)

UCL

1) Professor Bernard FELTZ (UCL- Faculty of philosophy and Centre de recherche Interfacultaire 'Techniques, Sciences et Sociétés' (CITES)

2) Dr Axel GOSSERIES, FNRS Research Fellow
Chaire Hoover, UCL

REGISTRATION

Registration compulsory and free of charge, except for the conference dinner (25 euros)
Send a message for registration to Mrs Véronique Mertens vmertens@sckcen.be
Phone +32 (0)2 661 19 87

WHERE ?

"SALLE DU CONSEIL"

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