Abstract

The international, multidisciplinary exploratory workshop “Harmful Interference in the Regulatory Perspective” aims at analysing the regulatory aspects of this phenomenon faced by those operating space communication and broadcasting – the increasing harmful interference (HI) with signals from broadcasting and communication satellites, including cases of intentional interference known as “jamming”. Whereas the technology reacts on this international phenomenon with the development of continuously improved technological systems for preventing and combating harmful interference, its international regulatory and legal framework develops much slower.

The workshop provides a forum for a discussion on following principal questions: Is the present international regulatory system based on the legal instruments of the International Telecommunication Union well equipped to prevent and combat HI? What are the legal consequences of non-compliance with its rules? How are national regulatory authorities involved in procedures dealing with HI? Is the development towards the integration of spectrum management on the European level the most promising path to improve the situation? Are the informal negotiations and agreements between the operators the most effective instruments to avoid HI?

The selection of speakers from international and national academia, the ITU, the national regulatory authorities and the operators promises an international, multidimensional, and critical analysis of this complex phenomenon.

Thursday, 5 June 2014
1.30 pm - 7 pm

Friday, 6 June 2014
9.30 am - 4 pm

Location
University of Luxembourg
Weicker Building
Conference room B 001 (ground floor)
4, rue Alphonse Weicker
L-2721 Luxembourg

Language
English

Registration
- by e-mail to fdef-colloques@uni.lu
  (specifying name and institution)
- Free conference
- Lunch is provided on 5 and 6 June

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Programme

Thursday, 5 June 2014

1.30 pm  ¦   Welcome coffee and sandwiches
2.00 pm  ¦   Opening of the Workshop
   Prof. Stefan Braum, Dean of the Faculty of Law, Economics and Finance
   Prof. Mahulena Hofmann, SES Chair in Satellite Communication and Media Law, University of Luxembourg

Panel I: ITU Framework for Combatting Harmful Interference

2.15 pm  ¦   Introduction and Chair:
   Prof. Peter Malanczuk, Peking University of Transnational Law

2.30 pm  ¦   Harmful Interference in Ka-band Satellite Communications: Regulation vs Technical Advancement
   Dr. Symeon Chatzinotas, Interdisciplinary Centre for Security, Reliability and Trust (SnT)

3.00 pm  ¦   Harmful Interference as a Phenomenon Hampering Space Communications
   Chris Grogan, SES

3.30 pm  ¦   International Telecommunication Union Preventing Harmful Interference
   Prof. Francis Lyall, University of Aberdeen

4.00 pm  ¦   Discussion

4.30 pm  ¦   Coffee break

5.00 pm  ¦   Introduction and Chair:
   Dr. Tanja Masson-Zwaan, President of the International Institute of the Law of Outer Space

5.15 pm  ¦   Radio Regulations and Procedures in Cases of Harmful Interference
   Mitsuhiro Sakamoto Senior Head of Division, ITU

5.45 pm  ¦   Harmful Interference from the Perspective of a National Regulatory Agency
   Johan Kroon, Netherlands Radio Communication Agency

6.15 pm  ¦   Harmful Interference from the Perspective of a National Space Agency
   Jean-François Mayence, Head of the Belgian Science Policy Office

6.45 pm  ¦   Discussion

Friday, 6 June 2014

Panel II: Potential of Other Regulatory Instruments against Harmful Interference

9.30 am  ¦   Introduction and Chair:
   Prof. Pedro Cruz Villalon, Advocate General, Court of Justice of the European Union

9.45 am  ¦   European Law as an Instrument of Avoiding Harmful Interference?
   Gerry Oberst, SES

10.15 am  ¦   Contractual Solutions Addressing Harmful Interference
   Prof. Lesley Jane Smith, University of Lüneburg

10.45 am  ¦   Back to ITU: Radio Regulations Board dealing with Cases of Harmful Interference – the example of Protostar
   Mrs. Elina Morozova, Intersputnik, Moscow

11.15 am  ¦   Proposal for the EU Regulation “Connected Continent” and its Implications
   Max Spielmann, University of Luxembourg

11.45 pm  ¦   Discussion

12.15 pm  ¦   Lunch and coffee break

Panel III: Other Regulatory Aspects

1.15 pm  ¦   Introduction and Chair:
   Alexander Soucek, European Space Agency

1.30 pm  ¦   Harmful Interference from the Perspective of US Telecommunication Law
   Prof. Justin (Gus) Hurwitz, University of Nebraska

2.00 pm  ¦   Efficient Use of the Orbit Resources – preventing Harmful Interference
   Simona Spassova, University of Luxembourg

2.30 pm  ¦   Harmful Interference and Human Rights
   Olga Batura, University of Lüneburg

3.00 pm  ¦   Evaluating Regulatory Instruments
   Prof. Frans von der Dunk, University of Nebraska

3.30 pm  ¦   Discussion

4.00 pm  ¦   Closing of the Workshop
   Prof. Mahulena Hofmann, University of Luxembourg