



## **GEOPOLITICS OF ARTIFICIAL INTELLIGENCE**

Master in Law of Artificial intelligence  
Faculty of Social and Economic Sciences

### **Course information**

Master year 2                      15 HOURS

Fall Semester                      5 ECTS

Lectures (CM)

Professor: Constance de Leusse, Vice-President of Internet Society

### **Course description**

This course proposes an introduction to the basics of governance of the Internet, including AI. It highlights the importance of understanding how the Internet technology functions, is evolving, and being governed. It looks into how the digitization of the world is impacting our societies and economies, and what rules this trend may imply.

This course is designed for future policy leaders who wish to understand the horizontal impact of the Internet on their countries. It is also designed for emerging private sector managers who need to embrace the digital dimension of their professional environment as well as the economic opportunities that derive from it.

1. Introduction
2. A brief history of Internet governance
3. Who is governing the Internet?
4. How the Internet is impacting our economies and societies
5. Cyberspace and geopolitics in the 21<sup>st</sup> century
6. Internet regulation case study: On-line Human Rights
7. Internet regulation case study: Net Neutrality
8. Internet regulation case study: Artificial Intelligence (AI)
9. Internet regulation case study: Internet of Things (IoT)
10. Internet deployment, sustainable development and CSR
11. Issues on the rise of Internet governance & Conclusion

## Bibliography

BEESON (MARK) & ZENG (JINGHAN): THE BRICS AND GLOBAL GOVERNANCE: CHINA'S CONTRADICTIONARY ROLE, THIRD WORLD QUARTERLY, 2018.

BARRY (JACK J.), COVID-19 EXPOSES WHY ACCESS TO THE INTERNET IS A HUMAN RIGHT, OPENGLOBALRIGHTS, 2020.

CERF (VINTON G.), INTERNET ACCESS IS NOT A HUMAN RIGHT, NEW YORK TIMES, 2012.

DENARDIS (LAURA), THE EMERGING FIELD OF INTERNET GOVERNANCE, YALE, 2014.

Drake (William J.), Cerf (Vinton G.) and Kleinwachter (Wolfgang), Future of the Internet Initiative White Paper. Internet Fragmentation: An Overview, Future of the Internet Initiative White Paper, World Economic Forum, 2016.

DUTON (TIM), AI POLICY 101: AN INTRODUCTION TO THE 10 KEY ASPECTS OF AI POLICY, MEDIUM, 2018.

European Commission, Open Internet, 2020.

Gahnberg (Carl), Does consolidation help or hinder the internet?, 2020.

INTERNET GOVERNANCE ACRONYM GLOSSARY, DIPLOFOUNDATION , 2020

Internet consolidation – Opportunities and challenges, 2020.

ISOC, Artificial Intelligence and Machine Learning: Policy Paper, 2017.

ISOC, COUNCIL OF EUROPE, COMMITTEE OF MINISTERS, THEMATIC DEBATE ON FREEDOM OF EXPRESSION, 2014.

ISOC, Global Internet Report, Paths to our digital futures, 2018.

ISOC, Global Internet Report, Consolidation in the Internet Economy, 2019.

ISOC, Policy brief, IoT Security for policymakers, 2018.

ISOC, Policy brief, Net Neutrality, 2015.

ISOC, Policy brief, The Internet of Things, 2016.

ISOC, The Internet and Sustainable Development, 2015.

Kleinwhächter (Wolfgang), Internet governance outlook 2021, CircleId, 2021.

Klint (Finley), Guide to Net Neutrality, Wired, 2020.

Kurbalija (Jovan), An introduction to Internet Governance, Geneva, Diplofoundation, 2016. (Essential reading)

KURBALIJA (JOVAN), 20 KEYWORDS FOR THE DIGITAL 2020s: A DIGITAL POLICY PREDICTION DICTIONARY, 2020.

Leusse (Constance Bommelaer de), How governments can be smart about artificial intelligence, Huffington Post, 2017.

LEUSSE (CONSTANCE BOMMELAER DE), UNDERSTAND MORE, FEAR LESS: HOW THE FUTURE OF THE INTERNET CAN BE DESIGNED WITH A HUMAN FACE – REFLEXIONS ON THE G20 ICT MINISTERIAL MEETING, HUFFINGTON POST, 2017.

L'EXPANSION DES BATX, LES GAFAM CHINOIS, FRANCE CULTURE, 2019.

Mueller (Milton Mueller), Are we in a Digital Cold War?, GIGANET, 2013.

NATIONAL SECURITY CONCEPT OF THE RUSSIAN FEDERATION, 2000.

O'hara (Kieron) and Hall (Wendy), There are now four competing visions of the Internet. How should they be governed?, World Economic Forum, 2019.

OECD, Going Digital: Shaping policies, Improving lives, 2019.

POLATIN-REUBEN (DANA) & WRIGHT (JOSS), AN INTERNET WITH BRICS CHARACTERISTICS: DATA SOVEREIGNTY AND THE BALKANISATION OF THE INTERNET, 2014.

REGLITZ (MERTEN), THE HUMAN RIGHT TO FREE INTERNET ACCESS, JOURNAL OF APPLIED PHILOSOPHY, VOL. 37, ISSUE-2, NOVEMBER 11 2019.

Radu (Roxana), Negotiating Internet Governance, Oxford, 2019. Essential reading.

THIELMAN (SAM), CAN WE SECURE THE INTERNET OF THINGS IN TIME TO PREVENT ANOTHER CYBER-ATTACK?, THE GUARDIAN, 2016.

Wagner (Adam), Is Internet access a human right?, The Guardian, 2012.