AI IN MEDICINE

January 12, 2024 08:45 – 17:30

VISION – REALITY – LEGAL ASPECTS

Scientific Committee

Nikolaus Forgo
Christoph Zielinski
Christiane Thallinger
(Vienna, Austria)

Dachgeschoss der Juristischen
Fakultät der Universität Wien

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PROGRAMME

AI in Medicine

Introduction & Welcome 08:45-09:00
Nikolaus Forgo
Christoph Zielinski
Markus Müller, Rector, Medical University Vienna

Setting the Scene

Chair Christoph Zielinski
Chair Nikolaus Forgo

AI in Inpatient and Outpatient Medical Care 09:00-09:20
Michael Binder

Bridging Radiological Diagnosis and Biology 09:20-09:40
Georg Langs

AI in Pathology and Histology 09:40-10:00
Leonhard Müllauer

Machine Learning in Biomedicine 10:00-10:20
Christoph Bock

Discussion 10:20-10:30

08:45-10:30

Coffee Break 10:30-11:00

Economical Impact

Chair Christiane Thallinger
Chair Sonja Dürager

AI in Public Health 11:00-11:20
Anita Rieder

AI and the Pharma Industry 11:20-11:40
Johannes Pleiner-Duxneuner

AI in Scientific Publications: Increase in Efficiency or Plagiarism 2.0? 11:40-12:00
Georg Dorffner

AI from the Publishers' View 12:00-12:20
Sarah Jenkins, Director, Research Integrity & Publishing Ethics Centre of Expertise Elsevier

Discussion 12:20-12:30

11:00-12:30

PROGRAMME

FRIDAY, JANUARY 12

Translation into Industry Lecture

12:30-13:00

Chair Christoph Zielinski

Artificial Intelligence in Healthcare: The Road Ahead 12:30-12:50
Dorin Comaniciu, Siemens Healthineers AI Technology Center

Discussion 12:50-13:00

Lunch Break 13:00-13:30

Liability & Ethics

13:30-15:00

Chair Georg Langs
Chair Iris Eisenberger

AI in Clinical Decision Making 13:30-13:50
Harald Kittler

AI Governance and Ethics 13:50-14:10
Christiane Druml

AI and the European Group on Ethics 14:10-14:30
Jeroen van den Hoven

AI and medical liability 14:30-14:50
Sonja Dürager

Discussion 14:50-15:00

Coffee Break 15:00-15:30

Regulating the Scene

15:30-17:30

Chair Christoph Zielinski
Chair Nikolaus Forgo

AI and the physicians self regulation 15:30-15:50
Gerhard Aigner

Patient information and informed consent into AI-based research and treatment 15:50-16:10
Karl Stöger

AI and Medical Device Legislation 16:10-16:30
Sebastian Scholz

Unpacking the EU's AI Act: A Quick Dive into AI model regulation 16:30-16:50
Cornelia Kutterer

AI regulation in Europe – an academic overview 16:50-17:10
Iris Eisenberger

Discussion & Closing 17:10-17:30

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