The latest advances in the field of AI and data science applied to health with internationally renowned speakers.

Register at www.ai4healthschool.org
End of registration period 1st of December

OPENING CEREMONY BY
Ran Balicer,
(University of the Neguev, Clalit Institute, Israel)
Using health data and AI to drive healthcare transformation in practice

Yoshua Bengio,
(Université de Montréal, MILA, IVADO, Canada)
AI for Drug Discovery

I. Glenn Cohen,
(Harvard University, USA)
AI/ML in medicine: Legal and Ethical Issues

PLENARY LECTURES BY
Wendy W. Chapman
(University of Melbourne, Australia)
Looking under the hood of the Ferrari: how can we extract information from clinical notes?

Finale Doshi-Velez
(Harvard University, USA)
Interpretability in Healthcare: Toward Human-based Validation and Agency

Stanley Durrleman
(Inria, ICM, PR[AI]RIE, France)
Modeling and predicting disease progression with longitudinal data

Julia Schnabel
(University of Munich, Germany & King’s College, UK) TBD

USES CASES BY
Stéphanie Allassonnière
(Université de Paris, PR[AI]RIE, France)
& Julien Stirnemann
(Université de Paris, Necker hospital, France)
A decision support system for prenatal diagnosis of fetal anomalies by ultrasound using statistical learning

Bjoern Eskofier
(Friedrich-Alexander-Universität Erlangen-Nürnberg, Germany)
Machine Learning and Large-Scale Sensor-based Analysis for Movement Disorders

Melek Önen
(Sophia Antipolis, 3IA Nice Côte d’Azur)
& Olivier Humbert
(Antoine Lacassagne Center, 3IA Nice Côte d’Azur, France)
Federated PET: a Federated Learning initiative in a «real world” healthcare scenario

AND HANDS-ON PRACTICAL SESSIONS ON
Longitudinal Data
Argumentative analysis of clinical text
Deep learning for brain MRI: Adversarial generation, contrastive and transfer learning
Federated learning for collaborative AI in healthcare applications
Histology/survival prediction in lung cancer from omic data
Image classification and synthesis with deep learning

AND ALSO
A roundtable with leaders from academic, public institutions and companies invested in AI for health.
A poster session with a 500€ Best Poster Award.
And more to come...

Questions? Email us: school@health-data-hub.fr

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