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04 and 05 February 2020 | EPFL Lausanne | BC 420

AI, robotics and machine learning advances increasingly urgent and complex ethical questions in areas as autonomous driving, human enhancement, algorithmic decision-making or even superintelligence.

This PhD winter school will address social challenges of, autonomous' technologies, reflect on ethical AI standards, legal and technical (self-) regulation.

- Tuesday, 04 February 2020 -

14:00 | Martin Rohrmeier (EPFL)
| Welcome

14:30 | Social Challenges of the
Digital World

15:30 | Bertram Lomfeld (FU Berlin)
| Comparing Global Principles of AI Ethics

16:30 | Tea

17:00 | Bertram Lomfeld (FU Berlin)
| Formalization of Ethical &
Legal Decision Making

19:00 | Dinner

- Wednesday, 05 February -

9:00 | Christoph Benz Müller (FU Berlin)
| Coding Ethics: Computational Techniques

11:00 | Tea

11:30 | Project Studies (Group Work)
in Paradigmatic Fields:
| Autonomous Vehicles
| Algorithmic Biases
| Superintelligence

13:00 | Lunch

14:00 | Presentation & Discussion
| Chair: Martin Rohrmeier (EPFL)

Participation for PhD students is free of charge. Please register up to 30 January 2020. Upon active participation and in writing a brief final paper it will also be possible to acquire ECTS points. The workshop is convened jointly by Martin Rohrmeier (EPFL) and Bertram Lomfeld (FU Berlin). **For further inquiries & registration please contact estelle.quinton@epfl.ch.**