Virtual Seminar – IFAC TC on Optimal Control

Data-driven Methods in Control

Date: July 8th 2021, 14h00 – 17h30 (CET)
Location: Zoom https://tu-dortmund.zoom.us/s/99932731634; no registration required
Passcode: 540526
Organizers:

- Timm Faulwasser, TU Dortmund, Germany; timm.faulwasser@tu-dortmund.de
- Karl Worthmann, TU Ilmenau, Germany; karl.worthmann@tu-ilmenau.de

Schedule:

Time (CET)	**Title and Speaker**
14h00 – 14h30	*Gradient-enriched machine learning control – Taming turbulence made efficient, easy and fast!* Bernd Noack, Harbin Institute of Technology, China
14h30 – 15h00	*Convolutional autoencoders for low-dimensional parameterizations of Navier-Stokes flow* Jan Heiland, MPI Magdeburg, Germany
15h00 – 15h30	*Three perspectives on data-based optimal control* Matthias Müller, LU Hannover Germany
15h30 – 16h00	Coffee break
16h00 – 16h30	*Data-Driven Skill Learning* Jan Peters, TU Darmstadt, Germany
16h30 – 17h00	*A deep neural network approach for computing Lyapunov functions* Lars Grüne, U Bayreuth, Germany
17h00 – 17h30	*On the universal transformation of data-driven models to control systems* Sebastian Peitz, U Paderborn, Germany

Virtual Seminar Series – IFAC TC on Optimal Control

This event is the first of a new seminar series organized by the IFAC TC on Optimal control.

About the seminar series: The CoViD-19 pandemic continues to jeopardize many conference activities. At the same time, all of us have also experienced successful editions of online events. Hence, the IFAC TC on Optimal Control is happy to announce its virtual seminar series comprising 2-3 events per year.

For further details please contact

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