universität wien
Fakultät für Physik

VDS VIENNA - DOCTORAL - SCHOOL - PHYSICS

ESI Erwin Schrödinger International Institute for Mathematics and Physics

# Machine Learning in Physics – Case Studies & Discussion

Friday, 14 February 2020
Faculty of Physics, University of Vienna, Boltzmanngasse 5, 1090 Vienna
Christian-Doppler lecture hall, 3rd floor

**9:00**
**Learning Science from Data – Plenary Talks**
**Torsten Möller** – Head of the Research Platform Data Science & Head of the Research Group Visualization and Data Analysis at the University of Vienna
**Peter Wirnsberger** – Research Scientist at DeepMind
**Stefan Thurner** – President of the Complexity Science Hub Vienna & Chair of the Section for Science of Complex Systems at the Medical University of Vienna

**12:30**
**Artificial Intelligence Start-Ups – Flash Talks and World Café**
**Patrick Blies** – AI Research Engineer at EnliteAI
**Jason Hölscher-Obermaier** – VP R&D at ONDEWO
**Valentin Stauber** – Senior Research Engineer at Iris.ai
**Paul Tiwald** – Senior Data Scientist at Mostly AI

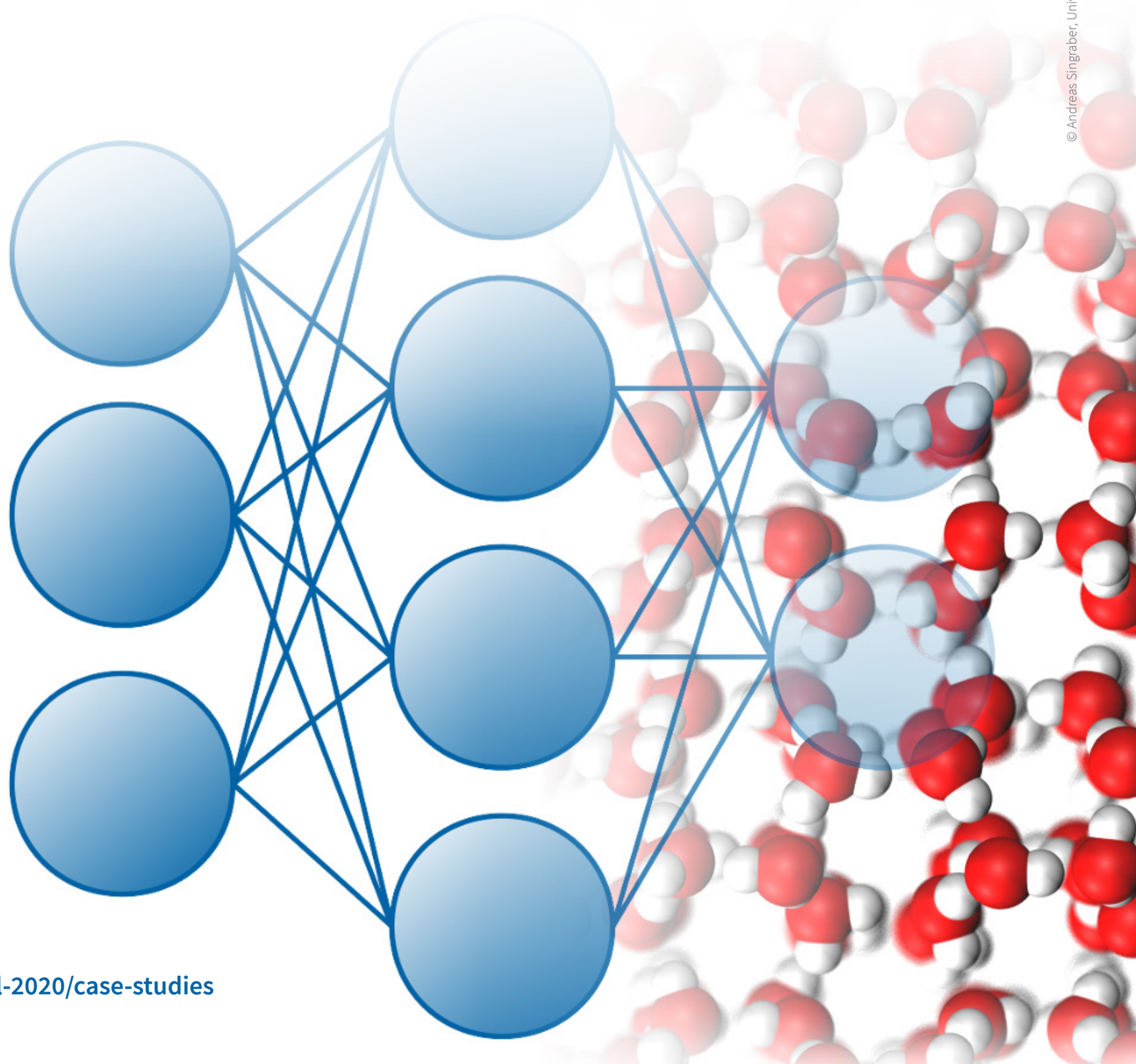
**14:30**
**Is model transparency good or bad for scientific applications of deep learning? – Plenary Talk**
**Cameron Buckner** – Professor at the Philosophy Department, University of Houston

**15:30**
**Panel Discussion with plenary speakers**

This public event is part of the VDSP-ESI Winter School 2020 “Machine Learning in Physics”.

**Attendance of the day is free of charge and without registration.**

vds-physics.univie.ac.at/winter-school-2020/case-studies



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