

## http://dcms.tu-dresden.de/materials40/



# DCMS MATERIALS 4.0 SUMMER SCHOOL 2018

# DEEP MATERIALS: PERSPECTIVES ON DATA-DRIVEN MATERIALS RESEARCH

Monday 10 - Friday 14 September 2018 Dresden (Germany)



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#### Build your future in materials research

Innovative materials are one of the key technologies for keeping products and industrial processes economically competitive and ecologically sustainable. Modern materials science requires a multi-discipline approach embracing chemistry, physics, engineering, as well as data science. This summer school will provide an overview of current developments in data-driven materials science with a particular focus on machine learning and modern numerical approaches - and will offer a platform for discussions about future perspectives.

#### Venue and format

Dresden is a cultural capital and a world-leading center for materials research. During the one-week school, renowned researchers will lecture and tutor the group of Master and PhD students

### Organization

Scientific Board Prof. Dr. Gianaurelio Cuniberti Prof. Dr. Sibvlle Gemming Prof. Dr. Wolfgang Lehner

Local Organizers Dr. Alexander Croy Dipl.-Phys. Florian Pump

#### **Application and information**

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