

Event Program 2022

# ERUM-DATA-HUB DEEP LEARNING EVENTS

In 2022, the ErUM-Data-Hub is hosting schools on *Deep Learning*. Beginners and advanced learners from all ErUM communities are welcome.

**Register now:**  
[www.erumdatahub.de](http://www.erumdatahub.de)

## Deep Learning School I

08.08.22 - 12.08.22

Meinerzhagen

Neural Network Building Blocks,  
Mastering Model Building,  
Convolutional & Recurrent Neural Networks,  
Introspection of Neural Networks

Beginner

300€ participation fee  
incl. accommodation & full board

## Deep Learning School II

28.11.22 - 01.12.22

Damme

Graph Neural Networks,  
Generative Adversarial Networks,  
Autoencoder,  
Normalizing Flows

Advanced

300€ participation fee  
incl. accommodation & full board

## Conceptual Advances in Deep Learning for ErUM Research

Weakly or Unsupervised Learning, Latent Space in Autoencoders &  
Normalizing Flows, Generative Models, Transfer to Analytic Expressions,  
Reinforcement Learning, Gradient Methods, Conservation Laws

2022 Special:  
Expert-Workshop

12.09.22 - 16.09.22

Wiehl

350€ participation fee  
incl. accommodation & full board

GEFÖRDERT VOM



Bundesministerium  
für Bildung  
und Forschung



ERUM  
DATA HUB

In Cooperation with DIG-UM

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