

# Seminar series: Computation & Data

The project hpc.bw establishes the seminar series “Computation & Data” at HSU. The goal of this interdisciplinary seminar is to bring together researchers and foster exchange on the development of algorithms, methods and software. The seminar series is scheduled for the last Thursday every month, 14:30-16:00, with 1-2 presentations per hybrid session (digital and at HSU).

## Seminar sessions WT2023

Date	Room	Speakers	Title of lecture
<b>26.01.2023;</b> <b>14:30-16:00</b>	H1, room 308	Chaitanya Kandekar ( <i>HSU</i> )	A Thermo-hydro-mechanical modelling for concrete under fire loads
		Maria Krantz ( <i>HSU</i> )	Generating Data for the Training of Machine Learning Algorithms for CPPS
<b>23.02.2023;</b> <b>14:30-16:00</b>	H1, room 308	Nils Margenberg ( <i>HSU</i> )	Hybrid Finite Element/Deep Neural Networks Methods for Accelerating Fluid-Dynamics Simulations
		Louis Viot ( <i>HSU</i> )	New developments within the Macro/Micro Coupling software MaMiCo for highly parallelized multiscale flow simulation
30.03.2023 <b>14.30-16:00</b>	H1, room 308	Frederike Vogel ( <i>HSU</i> )	Supervised learning for analyzing movement patterns in a virtual reality experiment
		Marcel Eckert ( <i>HSU</i> )	How FPGAs can speed up algorithms by 2 examples



**Registration: Please send an e-mail to [info-hpc-bw@hsu-hh.de](mailto:info-hpc-bw@hsu-hh.de) with the subject line „Subscription Seminar Computation & Data”**