



# FH SciComp Workshop 2024

## Monday 1 July 2024

### Scientific Computing I - Seminar Room 4a/b (16:00 - 18:30)

time	[id] title	presenter
16:00	[19] The SciComp Platform - Mandate, Mission, and Activities	WISSING, Christoph
16:10	[1] DESY and the NFDI	SCHNEIDE, Christiane
16:25	[2] Belle II detector alignment with Millipede II	BILKA, Tadeas
16:40	[3] Solving the CMS High Granularity Calorimeter's Data Processing Challenges with Heterogeneous Computing	NIEDZIELA, Jeremi
16:55	[4] Generative Machine Learning at CMS	SCHNAKE, Simon Patrik
17:10	[26] ASAPO: A high-speed streaming framework to support an automated data-processing pipeline.	KARNEVSKIY, Mikhail
17:25	[21] From testing cosmological inflation models to solving PDEs -- dNNSolve: an efficient NN-based PDE solver	WESTPHAL, Alexander
17:40	[24] Infrastructures for scientific computing & sustainability at DESY-IT	VOSS, Christian GASTHUBER, Martin KEMP, Yves
18:00	[5] Quantum algorithms for charged particle track reconstruction in the LUXE experiment	YAP, Yee Chinn