



# GridKa School 2018 – Computing and Science Fair

## Tuesday 28 August 2018

### Tutorials (13:00-18:00)

time	[id] title	presenter
13:00	[36] Introduction to Go	BINET, Sebastien
13:00	[16] Docker Container Hands-On	BOCCHI, Enrico
13:00	[17] Introduction to Python	FISCHER, Max REINARTZ, Ines
13:00	[4] Julia: high performance programming the easy way	DANISCH, Simon
13:00	[3] Scalable and reproducible workflows with Pachyderm	NOVELLA, Jon Ander

## Wednesday 29 August 2018

### Tutorials (13:00-18:00)

time	[id] title	presenter
13:00	[37] Behind the scenes perspective: into the abyss of profiling for performance	SMITH, David MURALIDHARAN, Servesh
13:00	[31] Introduction to using HTCondor to run distributed compute Jobs and Workflows on Servers, Clusters, Grids, or Clouds	TANNENBAUM, Todd
13:00	[19] Introduction to the SciPy stack and Jupyter Notebooks	GIFFELS, Manuel CAYOGLU, Ugur
13:00	[18] Under the hood: Bare Metal Embedded Programming in C	MERIAC, Milosch
13:00	[6] Collaborative Software Development	Dr. CASPART, René KÜHN, Eileen
13:00	[5] Machine Learning with Neural Networks	GÖTZ, Markus TAUBERT, Oskar

# Thursday 30 August 2018

## Tutorials (13:00-18:00)

time	[id] title	presenter
13:00	[32] Scalable Scientific Analysis in Python using Pandas and Dask	NEUBAUER, Sebastian KORN, Uwe
13:00	[30] Quantum Computing	OBERST, Oliver
13:00	[12] Hacking Hands-on	SPECHT, Raimund
13:00	[11] Parallel programming with OpenMP and MPI	Dr. BERGHOFF, Marco ZIRWES, Thorsten
13:00	[10] Databases for large-scale science	LASSNIG, Mario
13:00	[9] Productive GPU Programming with OpenACC	HERTEN, Andreas