

# **Nordic HPC & Applications Workshop in Iceland**

**Wednesday, 13 June 2018 - Friday, 15 June 2018**

## **Scientific Programme**

**Wednesday, 13 June 2018** (Chair: Matthias Book)

- 13:00-13:10 Welcome address (Helmut Neukirchen)
- 13:10-14:30 Introduction to using Cloud Computing (Helmut Neukirchen)
- 14:30-15:00 Coffee break
- 15:00-16:00 Introduction to the IHPC Cluster (Máni Maríus Viðarsson)
- 16:00-17:00 Tour of the IHPC Facilities (Máni Maríus Viðarsson)

**Thursday, 14 June 2018** (Chair: Helmut Neukirchen)

- 09:00-10:00 Data Analysis from a Data Center Perspective (Rahul Ramachandran)
- 10:00-11:00 Data-intensive Research on Precipitation (Kuo Kwo-Sen)
- 11:00-11:30 Coffee break
- 11:30-12:30 A Physicist's Guide to parallelization at the IHPC (Viðar Guðmundsson)
- 12:30-14:00 Lunch and after-lunch coffee
- 14:00-15:30 HPC & GPUs for Machine Learning & Deep Learning (Morris Riedel)
- 15:30-16:00 Coffee break
- 16:00-17:00 Introduction to OpenMP & Clustering Applications (Morris Riedel)

**Friday, 15 June 2018** (Chair: Morris Riedel)

- 09:00-10:30 TBA (N.N.)
- 10:30-11:00 Coffee break
- 11:00-12:00 Software Engineering for High Performance Computing (Matthias Book)
- 12:00-12:30 Closing remarks (Helmut Neukirchen)