

# SCORG 6.0 workshop

26.12.2018.

## FACULTY OF SCIENCES UNIVERSITY OF NOVI SAD

### Presentation session: RC3 - new wing, 2nd floor

**10:00-10:20**

#### Introductory word

Dr. Srđan Škrbić

**10:20-10:40**

Parallelization of Fourier-Wannier interpolation procedure for electron-phonon coupling elements

Dr. Nenad Vukmirović  
Institute of Physics Belgrade

**10:40-11:00**

Deep learning on parallel architecture hardware

Dr. Vladimir Lončar  
CERN & Scientific Computing Laboratory,  
Institute of Physics Belgrade

**11:20-11:40**

Enhancing the performance of an MPI based distributed optimization algorithm

Lidija Fodor, PMF

**11:00-11:20**

Classification based on missing features in Deep Convolutional Neural Networks

Nemanja Milošević, PMF

**11:40-12:00**

Parallelization of the Gaussian basis CPM

Žarko Bodroški, PMF