

## Session Program

25–29 Sept 2017



**Montenegro, Budva, Becici, 25 September - 29 September  
2017**

***Computations with Hybrid Systems (CPU, GPU, coprocessors)***

Montenegro, Budva, Becici, Conference Hall  
Splendid Conference & SPA Resort, 85315 Becici, Montenegro Hotel Splendid

## Friday 29 September

11:20

### Computations with Hybrid Systems (CPU, GPU, coprocessors)

Session |

Location: Montenegro, Budva, Becici, Conference Hall, Splendid Conference & SPA Resort, 85315 Becici, Montenegro Hotel Splendid

Convener: Dr Dmitry Podgainy

11:20–11:40 **A new HPC Architecture Intel**

Speaker

Nikolai Mester

11:40–11:55

**The development on HYBRILIT of the Machine-learning algorithms for identification and separation of the neutron and gamma-ray signals obtained from the DEMON detector**

Speakers

Dr Dmitry Podgainy, Dr Oksana Streltsova

11:55–12:10

**Application of NVIDIA CUDA technology to calculation of ground states of few-body nuclei**

Speaker

Prof. Viacheslav Samarin

12:10–12:25

**Automated system to monitor and predict matching of vocational education programs with labour market**

Speaker

Sergey Belov

12:25–12:40

**Parallel framework for partial wave analysis for the BES-III experiment**

Speaker

Ms Victoria Tokareva

12:40