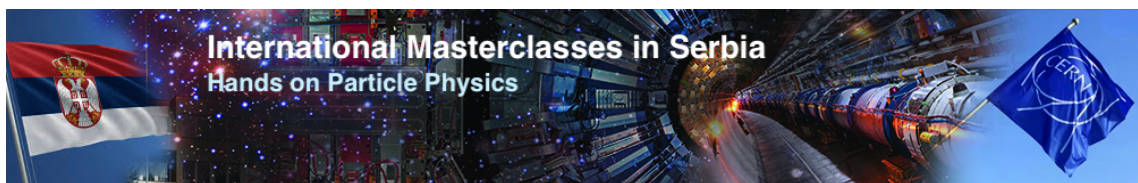


## **Session Program**

**4-5 Apr 2022**



# **18th International Masterclasses in Serbia**

## ***Morning lectures***

Virtual

# Monday 4 April

09:30

## Morning lectures: Joint session

Session | Location: Virtual room "MC Serbia"

09:30–09:45 **Welcome and introduction to the Masterclass**

09:45–10:15 **Physics of Forces and Particles**

**Speaker**

Dusko Latas

10:15–10:45 **Large Hadron Collider and its experiments**

**Speaker**

Lidija Zivkovic

10:45

11:00

## Morning lectures: Belgrade session

Session | Location: Parallel virtual room "MC Belgrade"

11:00–11:30 **Computing in High Energy Physics**

**Speaker**

Vudragovic Dusan

11:30–11:45 **Discussion on research activities and student opportunities**

11:45

11:00

## Morning lectures: Kragujevac session

Session | Location: Parallel virtual room "MC Kragujevac"

11:00–11:30

**Numerical simulation of particle trajectory in electromagnetic field, and research activities of Institute of Physics Kragujevac**

**Speaker**

Nenad Stevanovic

11:30–11:45 **Discussion on research activities and student opportunities**

11:45

11:00

## Morning lectures: Nis session

Session | Location: Parallel virtual room "MC Nis"

11:00–11:30 **Cosmic inflation, black holes, physics research at University of Niš**

**Speaker**

Milan Milosevic

11:30–11:45 **Discussion on research activities and student opportunities**

11:45

11:00

## Morning lectures: Novi Sad session

Session | Location: Parallel virtual room "MC Novi Sad"

11:00–11:30 **Research activities of Nuclear Physics Group Novi Sad**

**Speaker**

Natasa Todorovic

11:45

11:30-11:45

**Discussion on research activities and student opportunities**