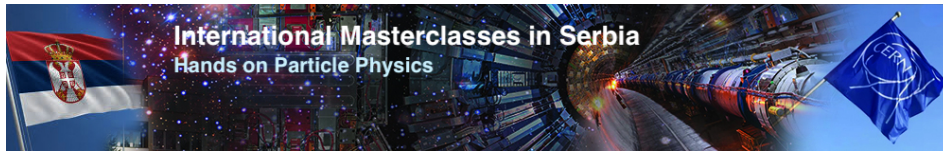


# 18th International Masterclasses in Serbia



## Report of Contributions

Contribution ID: 1

Type: **not specified**

## Tutorial on exercises

*Monday, 4 April 2022 13:00 (30 minutes)*

**Presenter:** JOVICEVIC, Jelena (Institute of Physics, University of Belgrade (RS))

**Session Classification:** Afternoon program

Contribution ID: 2

Type: **not specified**

## Hands-On exercises

*Monday, 4 April 2022 13:30 (1h 30m)*

**Session Classification:** Afternoon program

Contribution ID: 3

Type: **not specified**

## **Discussion of exercise results**

*Monday, 4 April 2022 15:15 (30 minutes)*

**Session Classification:** Afternoon program

Contribution ID: 4

Type: **not specified**

## Short break

**Session Classification:** Afternoon program

Contribution ID: 5

Type: **not specified**

## Welcome and introduction to the Masterclass

*Monday, 4 April 2022 09:30 (15 minutes)*

Representatives of University of Belgrade, University of Niš, University of Novi Sad, and University of Kragujevac.

**Session Classification:** Morning lectures

Contribution ID: 6

Type: **not specified**

## Physics of Forces and Particles

*Monday, 4 April 2022 09:45 (30 minutes)*

**Presenter:** LATAS, Dusko (University of Belgrade (RS))

**Session Classification:** Morning lectures

Contribution ID: 7

Type: **not specified**

## Large Hadron Collider and its experiments

*Monday, 4 April 2022 10:15 (30 minutes)*

**Presenter:** ZIVKOVIC, Lidija (Institute of physics Belgrade (RS))

**Session Classification:** Morning lectures



Contribution ID: 8

Type: **not specified**

## Computing in High Energy Physics

*Monday, 4 April 2022 11:00 (30 minutes)*

**Presenter:** DUSAN, Vudragovic (Faculty of Physics - University of Belgrade)

**Session Classification:** Morning lectures

Contribution ID: 9

Type: **not specified**

## **Discussion on research activities and student opportunities**

*Monday, 4 April 2022 11:30 (15 minutes)*

**Session Classification:** Morning lectures

Contribution ID: **10**

Type: **not specified**

## **Cosmic inflation, black holes, physics research at University of Niš**

*Monday, 4 April 2022 11:00 (30 minutes)*

**Presenter:** MILOSEVIC, Milan (University of Nis)

**Session Classification:** Morning lectures

Contribution ID: 11

Type: **not specified**

## **Discussion on research activities and student opportunities**

*Monday, 4 April 2022 11:30 (15 minutes)*

**Session Classification:** Morning lectures

Contribution ID: 12

Type: **not specified**

## **Research activities of Nuclear Physics Group Novi Sad**

*Monday, 4 April 2022 11:00 (30 minutes)*

**Presenter:** TODOROVIC, Natasa (University of Novi Sad)

**Session Classification:** Morning lectures

Contribution ID: 13

Type: **not specified**

## **Discussion on research activities and student opportunities**

*Monday, 4 April 2022 11:30 (15 minutes)*

**Session Classification:** Morning lectures

Contribution ID: 14

Type: **not specified**

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

*Monday, 4 April 2022 11:00 (30 minutes)*

**Presenter:** STEVANOVIC, Nenad (University of Kragujevac (RS))

**Session Classification:** Morning lectures

Contribution ID: 15

Type: **not specified**

## **Discussion on research activities and student opportunities**

*Monday, 4 April 2022 11:30 (15 minutes)*

**Session Classification:** Morning lectures



Contribution ID: **16**

Type: **not specified**

## **CERN Virtual Zoom Webinar**

*Monday, 4 April 2022 16:00 (1 hour)*

**Session Classification:** Afternoon program