

**CERN CMS Masterclass in
Bulgaria 2024 - University of
Sofia "St. Kl. Ohridski"**

Report of Contributions

Contribution ID: 1

Type: **not specified**

Introduction to the High Energy and Particle Physics

Presenter: PAVLOV, Borislav (University of Sofia - St. Kliment Ohridski (BG))

Session Classification: Introduction to High Energy and Elementary Particle Physics

Contribution ID: 2

Type: **not specified**

Questions and Discussion

Session Classification: Introduction to High Energy and Elementary Particle Physics

Contribution ID: 3

Type: **not specified**

Introduction to CMS experiment

Presenter: PAVLOV, Borislav (University of Sofia - St. Kliment Ohridski (BG))

Session Classification: Introduction to High Energy and Elementary Particle Physics

Contribution ID: 4

Type: **not specified**

Data Analysis - Methodology

Presenter: SHUMKA, Elton (University of Sofia - St. Kliment Ohridski (BG))

Session Classification: Introduction to High Energy and Elementary Particle Physics

Contribution ID: 5

Type: **not specified**

Practical Exercise on CMS Open Experimental Data

Presenters: PAVLOV, Borislav (University of Sofia - St. Kliment Ohridski (BG)); SHUMKA, Elton (University of Sofia - St. Kliment Ohridski (BG)); PETKOV, Peicho (University of Sofia - St. Kliment Ohridski (BG)); HADJIISKA, Roumyana Mileva (Bulgarian Academy of Sciences (BG))

Session Classification: Practical Exercise on CMS Open Experimental Data

Contribution ID: 6

Type: **not specified**

Preliminary discussion of the results

Session Classification: Practical Exercise on CMS Open Experimental Data

Contribution ID: 7

Type: **not specified**

Online video conference with CERN and the other international participants

Session Classification: Practical Exercise on CMS Open Experimental Data

Contribution ID: 8

Type: **not specified**

Final words (and certificates)

Session Classification: Practical Exercise on CMS Open Experimental Data

Contribution ID: 9

Type: **not specified**

News - IPPOG spring meeting at Sofia Tech Park

Session Classification: Introduction to High Energy and Elementary Particle Physics

Contribution ID: **10**

Type: **not specified**

Откриване

Thursday 22 February 2024 10:00 (15 minutes)

Зала A315

Contribution ID: 11

Type: **not specified**

Експериментът CMS

Thursday 22 February 2024 10:15 (45 minutes)

Presenter: PAVLOV, Borislav (University of Sofia - St. Kliment Ohridski (BG))

Contribution ID: 12

Type: **not specified**

Почивка

Thursday 22 February 2024 11:00 (15 minutes)

Contribution ID: 13

Type: **not specified**

Увод във физиката на елементарните частици

Thursday 22 February 2024 11:15 (1h 45m)

Presenter: LITOV, Leandar (University of Sofia - St. Kliment Ohridski (BG))

Contribution ID: **14**

Type: **not specified**

Обяд

Thursday 22 February 2024 13:00 (30 minutes)

Contribution ID: 15

Type: **not specified**

Въведение в софтуера за обработка на данни

Thursday 22 February 2024 13:30 (30 minutes)

Contribution ID: 16

Type: **not specified**

Практическа част (обработка на данни)

Thursday 22 February 2024 14:00 (2 hours)

Presenters: PAVLOV, Borislav (University of Sofia - St. Kliment Ohridski (BG)); PETKOV, Peicho (University of Sofia - St. Kliment Ohridski (BG))

Contribution ID: 17

Type: **not specified**

Почивка

Thursday 22 February 2024 16:00 (30 minutes)

Contribution ID: **18**

Type: **not specified**

Видеоконференция с ЦЕРН

Thursday 22 February 2024 16:30 (1 hour)