

**CERN CMS Masterclass in
Bulgaria 2025 - Astronomical
Observatory and Planetarium
Nicolaus Copernicus, Varna**

Report of Contributions

Contribution ID: 1

Type: **not specified**

Introduction to CERN and High Energy Physics

Tuesday, 25 March 2025 09:55 (40 minutes)

Presenter: DIMITROVA, Svejina

Session Classification: Introduction to High Energy and Elementary Particle Physics

Contribution ID: 2

Type: **not specified**

A dream made of particles - my journey from Dulovo to CERN

Tuesday, 25 March 2025 10:40 (30 minutes)

Student presentation

Author: DRAGNEV, Svetlozar

Presenter: DRAGNEV, Svetlozar

Session Classification: Introduction to High Energy and Elementary Particle Physics

Contribution ID: 3

Type: **not specified**

Introduction to Particle Physics

Tuesday, 25 March 2025 11:20 (40 minutes)

Presenter: HADJIISKA, Roumyana Mileva (Bulgarian Academy of Sciences (BG))

Session Classification: Introduction to High Energy and Elementary Particle Physics

Contribution ID: 4

Type: **not specified**

The CMS Experiment and Data Analysis Methodology

Tuesday, 25 March 2025 12:10 (45 minutes)

Presenter: HADJIISKA, Roumyana Mileva (Bulgarian Academy of Sciences (BG))

Session Classification: Introduction to High Energy and Elementary Particle Physics

Contribution ID: 5

Type: **not specified**

Practical Exercise on CMS Open Experimental Data

Tuesday, 25 March 2025 14:00 (2h 20m)

Presenters: HADJIISKA, Roumyana Mileva (Bulgarian Academy of Sciences (BG)); DIMITROVA, Svejina; DRAGNEV, Svetlozar

Session Classification: Practical Exercise on CMS Open Experimental Data

Contribution ID: 6

Type: **not specified**

Preliminary discussion of the results

Tuesday, 25 March 2025 16:30 (30 minutes)

Presenter: HADJIISKA, Roumyana Mileva (Bulgarian Academy of Sciences (BG))

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

Tuesday, 25 March 2025 17:00 (1 hour)

Session Classification: Practical Exercise on CMS Open Experimental Data

Contribution ID: 8

Type: **not specified**

Final words (and certificates)

Tuesday, 25 March 2025 18:00 (30 minutes)

Presenter: DIMITROVA, Svejina

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