

**CERN CMS Masterclass in
Bulgaria 2025 - Sofia,
INRNE-BAS**

Report of Contributions

Contribution ID: 1

Type: **not specified**

Introduction to the High Energy and Particle Physics

Monday 31 March 2025 10:15 (45 minutes)

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

Session Classification: Introduction to High Energy and Elementary Particle Physics

Contribution ID: 2

Type: **not specified**

Questions and Discussion

Monday 31 March 2025 11:00 (15 minutes)

Session Classification: Introduction to High Energy and Elementary Particle Physics

Contribution ID: 3

Type: **not specified**

Introduction to CMS experiment

Monday 31 March 2025 11:25 (45 minutes)

Presenter: SHOPOVA, Mariana (Bulgarian Academy of Sciences (BG))

Session Classification: Introduction to High Energy and Elementary Particle Physics

Contribution ID: 4

Type: **not specified**

Data Analysis - Methodology

Monday 31 March 2025 12:25 (35 minutes)

Presenters: SHOPOVA, Mariana (Bulgarian Academy of Sciences (BG)); MISHEVA, Milena Hristova (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

Monday 31 March 2025 14:00 (2h 20m)

Presenters: KUSHLEVA, Antonia (Bulgarian Academy of Sciences (BG)); SHOPOVA, Mariana (Bulgarian Academy of Sciences (BG)); MISHEVA, Milena Hristova (Bulgarian Academy of Sciences (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

Monday 31 March 2025 16:30 (30 minutes)

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

Monday 31 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)

Monday 31 March 2025 18:00 (30 minutes)

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**

Welcome words

Monday 31 March 2025 10:00 (15 minutes)

Session Classification: Introduction to High Energy and Elementary Particle Physics