

IPPOG public events in Sofia

Report of Contributions

Contribution ID: 1

Type: **not specified**

PTMC overview: what we are going to do

Saturday, 13 May 2023 10:00 (30 minutes)

Presenter: FOKA, Yiota (GSI - Helmholtzzentrum für Schwerionenforschung GmbH (DE))

Session Classification: Particle therapy

Contribution ID: 2

Type: **not specified**

Underlying physics/biology

Saturday, 13 May 2023 10:30 (30 minutes)

Presenter: Mr SECO, Joao

Session Classification: Particle therapy

Contribution ID: 3

Type: **not specified**

Ion therapy centre (CNAO) and HITRIplus opportunities

Saturday, 13 May 2023 11:00 (30 minutes)

Presenter: Mr ROSSI, Sandro

Session Classification: Particle therapy

Contribution ID: 4

Type: **not specified**

MatRad general intro and interface explanations

Saturday, 13 May 2023 11:30 (30 minutes)

Presenter: Ms HARDT, Jennifer

Session Classification: Particle therapy

Contribution ID: 5

Type: **not specified**

Hands-on matRad

Saturday, 13 May 2023 13:00 (1h 45m)

Presenter: Ms HARDT, Jennifer

Session Classification: Particle therapy –Hands-on session

Contribution ID: 6

Type: **not specified**

IPPOG introduction talk

Friday, 12 May 2023 09:30 (25 minutes)

Presenter: ABREU, Pedro (LIP - Laboratorio de Instrumentação e Física Experimental de Partículas (PT))

Session Classification: IPPOG introduction talk

Contribution ID: 7

Type: **not specified**

Introduction to CERN and the Bulgarian participation in CERN's activities

Friday, 12 May 2023 10:00 (20 minutes)

Presenter: ZAHARIEVA, Zornitsa (CERN)

Session Classification: Bulgarian participation in CERN's activities

Contribution ID: 8

Type: **not specified**

STEM Education Programmes and Opportunities for Bulgarian Students and Teachers at CERN

Friday, 12 May 2023 10:20 (25 minutes)

Presenters: ZAHARIEVA, Zornitsa (CERN); DIMITROVA, Svejina

Session Classification: STEM Education Programmes and Opportunities for Bulgarian Students and Teachers at CERN

Contribution ID: 9

Type: **not specified**

CMS physics

Friday, 12 May 2023 11:15 (30 minutes)

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

Session Classification: CMS physics

Contribution ID: **10**

Type: **not specified**

CMS Masterclass

Friday, 12 May 2023 11:45 (45 minutes)

Presenters: CECIRE, Kenneth; BILOW, Uta

Session Classification: CMS Masterclass –Introduction

Contribution ID: 11

Type: **not specified**

OSOS –Open Schools for Open societies in Bulgaria

Presenter: ANEVA, Boyka

Session Classification: OSOS –Open Schools for Open societies in Bulgaria

Contribution ID: 12

Type: **not specified**

CERN & Art

Presenter: ADAM BOURDARIOS, Claire (Centre National de la Recherche Scientifique (FR))

Session Classification: OSOS –Open Schools for Open societies in Bulgaria

Contribution ID: 13

Type: **not specified**

Timeline of the Universe

Presenter: DONCHEV, Doncho

Session Classification: OSOS –Open Schools for Open societies in Bulgaria

Contribution ID: 14

Type: **not specified**

Students session, posters and drawings

Session Classification: OSOS –Open Schools for Open societies in Bulgaria

Contribution ID: 15

Type: **not specified**

Prize Announcement (Poster - Drawings - Videoclip and Models)

Saturday, 13 May 2023 15:00 (10 minutes)

Presenter: ADAM BOURDARIOS, Claire (Centre National de la Recherche Scientifique (FR))

Session Classification: Competition

Contribution ID: 16

Type: **not specified**

Timeline of the Universe

Saturday, 13 May 2023 15:10 (15 minutes)

Presenter: DONCHEV, Doncho

Session Classification: Timeline of the Universe

Contribution ID: 17

Type: **not specified**

OSOS –Open Schools for Open societies in Bulgaria

Friday, 12 May 2023 10:45 (15 minutes)

Presenter: ANEVA, Boyka (Bulgarian Academy of Sciences (BG))

Contribution ID: **18**

Type: **not specified**

Measuring the invisible

Saturday, 13 May 2023 15:30 (1 hour)

Presenter: GOLDFARB, Steven (University of Melbourne (AU))

Contribution ID: **19**

Type: **not specified**

The dark matter - what I saw

Saturday, 13 May 2023 17:01 (1 minute)

Drawing

Alexandra Nikolova, 10 grade

Supervisor: Ralitsa Ranchova

Vocational High School of Design "Elisaveta Vazova", Sofia

Session Classification: Students session

Contribution ID: **20**

Type: **not specified**

Radioactivity - a deadly enemy or invaluable helper

Saturday, 13 May 2023 17:25 (1 minute)

Poster

Veronika Tsoneva, 9th grade

Supervisor: Ralitsa Ranchova

Vocational High School of Design "Elisaveta Vazova", Sofia

Session Classification: Students session

Contribution ID: 21

Type: **not specified**

From the big CERN to the small CERN - one curiosity distance!

Saturday, 13 May 2023 18:02 (1 minute)

Video clip and particle accelerator model

Anna Dimitrova, 9th grade

Vanessa Mikova, 9th grade

Victoria Koleva, 9th grade

Supervisor: Ralitsa Ranchova

Vocational High School of Design "Elisaveta Vazova", Sofia

The students perform a colliding experiment and even build a small particle accelerator model.

English subtitles are available.

Session Classification: Students session

Contribution ID: 22

Type: **not specified**

The small atom's nucleus

Saturday, 13 May 2023 18:03 (1 minute)

Video clip, song

Lia Ivancheva, 9th grade

Supervisor: Ralitsa Ranchova

Vocational High School of Design "Elisaveta Vazova", Sofia

A song about the nucleus of the atom and many more...

English and Bulgarian text are available, as well.

Session Classification: Students session

Contribution ID: 23

Type: **not specified**

The particles are everywhere

Saturday, 13 May 2023 16:51 (1 minute)

Drawing

Danail Atanassov, 7th grade

Supervisor: Penka Vassileva

Secondary School "Hadzhi Mina Pashov", Sliven

Session Classification: Students session

Contribution ID: 24

Type: **not specified**

Particle hunter

Saturday, 13 May 2023 16:52 (1 minute)

Drawing

Christian Batsov, 7th grade

Supervisor: Penka Vassileva

Secondary School "Hadzhi Mina Pashov", Sliven

Session Classification: Students session

Contribution ID: 25

Type: **not specified**

We are part of the Universe

Saturday, 13 May 2023 16:57 (1 minute)

Drawing

Bozhidara Krusteva, 9th grade

Supervisor: Penka Vassileva

Secondary School "Hadzhi Mina Pashov", Sliven

Session Classification: Students session

Contribution ID: 26

Type: **not specified**

Virtual visit to ATLAS

Saturday, 13 May 2023 16:58 (1 minute)

Drawing

Marian Raynov, 10th grade

Supervisor: Penka Vassileva

Secondary School "Hadzhi Mina Pashov", Sliven

Session Classification: Students session

Contribution ID: 27

Type: **not specified**

The God Particle

Saturday, 13 May 2023 17:26 (1 minute)

Poster

Sophia Kande, 11th grade

Supervisor: Silvia Rousseva

American College of Sofia

Session Classification: Students session

Contribution ID: 28

Type: **not specified**

The world of particles

Saturday, 13 May 2023 16:56 (1 minute)

Drawing

Maya Staneva, 8th grade

Supervisor: Ivelina Encheva

Vocational high school of economics "D-r Ivan Bogorov", Varna

Session Classification: Students session

Contribution ID: 29

Type: **not specified**

The world of particles-space

Saturday, 13 May 2023 16:59 (1 minute)

Drawing

Denitsa Chen, 10th grade

Supervisor: Ivelina Encheva

Vocational high school of economics "D-r Ivan Bogorov", Varna

Session Classification: Students session

Contribution ID: **30**

Type: **not specified**

The world of particles

Saturday, 13 May 2023 17:00 (1 minute)

Drawing

Viktor Fetvadhiev, 10th grade

Supervisor: Ivelina Encheva

Vocational high school of economics "D-r Ivan Bogorov", Varna

Session Classification: Students session

Contribution ID: **31**

Type: **not specified**

The Atom Model

Saturday, 13 May 2023 17:21 (1 minute)

Poster

Martin Dimitrov, 7th grade

Supervisor: Daniela Baeva

Primary school "Yordan Yovkov", Varna

Session Classification: Students session

Contribution ID: 32

Type: **not specified**

Applications of the elementary particles

Saturday, 13 May 2023 17:24 (1 minute)

Poster

Michail Michailov, 9th grade

High Language School "Joan Exarch", Varna

Supervisor: Daniela Baeva

Session Classification: Students session

Contribution ID: **33**

Type: **not specified**

Black hole

Saturday, 13 May 2023 16:53 (1 minute)

Drawing

Kalina Stefanova, 7th grade

Supervisor: Daniela Baeva

Primary school "Yordan Yovkov", Varna

Session Classification: Students session

Contribution ID: 34

Type: **not specified**

Dark matter

Saturday, 13 May 2023 16:54 (1 minute)

Drawing

Leonid Lukanov, 7th grade

Supervisor: Daniela Baeva

Primary school "Yordan Yovkov", Varna

Session Classification: Students session

Contribution ID: 35

Type: **not specified**

Atomic

Saturday, 13 May 2023 16:55 (1 minute)

Drawing

Philip Uzunski, 7th grade

Supervisor: Daniela Baeva

Primary school "Yordan Yovkov", Varna

Session Classification: Students session

Contribution ID: 36

Type: **not specified**

The world of elementary particles

Saturday, 13 May 2023 17:22 (1 minute)

Poster

Alex Zhecheva, 7th grade

Devora Diyanova, 7th grade

Supervisor: Katya Gocheva

Primary School "Pencho Slaveykov", Dimitrovgrad

Session Classification: Students session

Contribution ID: 37

Type: **not specified**

Space girls

Saturday, 13 May 2023 18:01 (1 minute)

Video clip

Item: Space mysteries

Alex Zhecheva, 7th grade

Ana Cristina Petrova, 7th grade

Supervisor: Katya Gocheva

Primary School "Pencho Slaveykov", Dimitrovgrad

The students discuss the space news and physics phenomena.

Session Classification: Students session

Contribution ID: **38**

Type: **not specified**

Concurs

Session Classification: Students session

Contribution ID: **39**

Type: **not specified**

The smart city

Friday, 12 May 2023 11:00 (1 minute)

Dinko Dinev from Gabrovo is a teacher who participated in the Bulgarian teacher programs at CERN. The video here represents his ideas for a smart city developed as a smart educational tool. Just enjoy the video!

Presenter: DINEV, Dinko

Contribution ID: **40**

Type: **not specified**

Dark Matter

Saturday, 13 May 2023 17:23 (1 minute)

Poster

Martin Dimitrov, 7th grade

Supervisor: Daniela Baeva

Primary school "Yordan Yovkov", Varna

Session Classification: Students session

Contribution ID: 41

Type: **not specified**

Dark Matter

Saturday, 13 May 2023 18:04 (1 minute)

Video clip

Emil Bardarov, 11th grade

Daniel Atanassov, 11th grade

Supervisor: Kamelia Shumanova

7th High School "Kuzman Shapkarev", Blagoevgrad

Credits to:

Pictures: <https://esahubble.org/>

Video: www.chandra.harvard.edu

The students have used publicly available sources to create a collage of videos and the speaker voice is generated by AI, using play.ht.

Session Classification: Students session

Contribution ID: 42

Type: **not specified**

The Dark Matter

Saturday, 13 May 2023 18:05 (1 minute)

Video clip

Kostadin Papukchijski, 11th grade

Hristian Veskov, 11th grade

Supervisor: Kamelia Shumanova

7th High School "Kuzman Shapkarev", Blagoevgrad

Credits to:

Pexels.com и MixKit.com.

Audio: NEWS 7 and Bulgarian National Radio

The students have used publicly available sources to create a collage of videos from Bulgarian scientists' lectures.

Session Classification: Students session

Contribution ID: 43

Type: **not specified**

In my universe

Saturday, 13 May 2023 17:02 (1 minute)

Computer graphics

Martin Baycharov, 10th degree

Supervisor: Penka Vassileva

Secondary School "Hadzhi Mina Pashov", Sliven

Session Classification: Students session

Contribution ID: 44

Type: **not specified**

Big Bang and Its Consequences, Dark Matter and Dark Energy

Saturday, 13 May 2023 17:27 (1 minute)

Poster

Rosena Ivanova, Grade 10

Lyudmila Kaneva, Grade 10

Ema Yaneva, Grade 10

Supervisor: Silvia Rousseva

American College of Sofia

Session Classification: Students session