

# **The spectroscopy program at EIC and future accelerators**



## **Report of Contributions**

Contribution ID: **1**

Type: **not specified**

# The EIC physics program at BNL

*Friday 21 December 2018 09:00 (40 minutes)*

**Presenter:** Prof. DESHPANDE, Abhay

Contribution ID: 2

Type: **not specified**

## The EIC physics program at JLab

*Friday 21 December 2018 09:40 (40 minutes)*

**Presenter:** Dr ROSSI, Patrizia

Contribution ID: 3

Type: **not specified**

## Introduction

*Wednesday 19 December 2018 14:00 (5 minutes)*

**Presenter:** Dr BRUNO, Giuseppe

**Session Classification:** Heavy Flavor in Media

Contribution ID: 4

Type: **not specified**

## Heavy flavors as probe of nuclear medium

*Wednesday 19 December 2018 14:05 (30 minutes)*

**Presenter:** VITEV, Ivan

**Session Classification:** Heavy Flavor in Media

Contribution ID: 5

Type: **not specified**

## HF meson production at RHIC and LHC

*Wednesday 19 December 2018 14:35 (30 minutes)*

**Presenter:** MA, Rongrong

**Session Classification:** Heavy Flavor in Media

Contribution ID: 6

Type: **not specified**

## HF baryon production from $e^+e^-$ to Pb-Pb

*Wednesday 19 December 2018 15:05 (30 minutes)*

**Presenter:** ANTONIOLI, Pietro

**Session Classification:** Heavy Flavor in Media

Contribution ID: 7

Type: **not specified**

# Open heavy flavor production and reconstruction at EIC

*Wednesday 19 December 2018 16:05 (25 minutes)*

**Presenter:** Dr WEISS, Christian

**Session Classification:** Heavy Flavor in Media



Contribution ID: 8

Type: **not specified**

# **Low-energy interactions of heavy quarkonium with matter**

*Wednesday 19 December 2018 16:30 (30 minutes)*

**Presenter:** SCHWEITZER, Peter

**Session Classification:** Heavy Flavor in Media

Contribution ID: 9

Type: **not specified**

# Heavy quarkonium production at RHIC and LHC

*Wednesday 19 December 2018 17:00 (30 minutes)*

**Presenter:** SCOMPARIN, Enrico

**Session Classification:** Heavy Flavor in Media

Contribution ID: **10**

Type: **not specified**

# Heavy quarkonium production near threshold at EIC

*Thursday 20 December 2018 14:00 (20 minutes)*

**Presenter:** Dr WEISS, Christian

**Session Classification:** Multiquark spectroscopy

Contribution ID: **11**

Type: **not specified**

## **Photoproduction of charmonium: the COMPASS experience**

*Thursday 20 December 2018 14:20 (20 minutes)*

**Presenter:** GUSKOV, Alexey

**Session Classification:** Multiquark spectroscopy

Contribution ID: 12

Type: **not specified**

## **Photoproduction of charmonium: the GlueX experience**

*Thursday 20 December 2018 14:40 (20 minutes)*

**Presenter:** DOBBS, Sean

**Session Classification:** Multiquark spectroscopy

Contribution ID: 13

Type: **not specified**

## **Production of exotic states with real and virtual photons**

*Thursday 20 December 2018 16:00 (40 minutes)*

**Presenter:** ZHAO, Qiang

**Session Classification:** Multiquark spectroscopy

Contribution ID: 14

Type: **not specified**

## **Searching hidden-charm baryon in gamma p reaction**

*Thursday 20 December 2018 16:40 (30 minutes)*

**Presenter:** WU, Jiajun

**Session Classification:** Multiquark spectroscopy

Contribution ID: 15

Type: **not specified**

## Exotic Meson Candidates from COMPASS

*Thursday 20 December 2018 09:00 (30 minutes)*

**Presenter:** KETZER, Bernhard

**Session Classification:** Gluonic and light states



Contribution ID: **16**

Type: **not specified**

## Hybrid Baryons at CLAS

*Thursday 20 December 2018 09:30 (25 minutes)*

**Presenter:** D'ANGELO, Annalisa

**Session Classification:** Gluonic and light states

Contribution ID: 17

Type: **not specified**

# **Quarkonium and exotic hadron production in electron-ion and heavy-ion collisions**

*Thursday 20 December 2018 11:20 (20 minutes)*

**Presenter:** YAO, Xiaojun

**Session Classification:** Multiquark spectroscopy

Contribution ID: **18**

Type: **not specified**

## **X(3872) as a virtual state**

**Presenter:** GIACOSA, Francesco

**Session Classification:** Multiquark spectroscopy

Contribution ID: **19**

Type: **not specified**

## Disentangling the Tetraquark States

*Thursday 20 December 2018 11:00 (20 minutes)*

**Presenter:** EICHTEN, Estia

**Session Classification:** Multiquark spectroscopy

Contribution ID: 20

Type: **not specified**

## **Discussion: heavy quarkonium production and detection**

*Thursday 20 December 2018 11:40 (50 minutes)*

Contribution ID: **21**

Type: **not specified**

## **Exclusive diffraction and GPDs**

*Wednesday 19 December 2018 09:10 (20 minutes)*

**Presenter:** FAZIO, Salvatore

**Session Classification:** Diffractive production

Contribution ID: 22

Type: **not specified**

## **DVCS and GPDs from VM production**

*Wednesday 19 December 2018 09:30 (20 minutes)*

**Presenter:** VAN HULSE, Charlotte

**Session Classification:** Diffractive production

Contribution ID: 23

Type: **not specified**

## **Diffraction production of light vector mesons**

*Wednesday 19 December 2018 09:50 (20 minutes)*

**Presenter:** Dr SCHAFER, Wolfgang

**Session Classification:** Diffraction production



Contribution ID: 24

Type: **not specified**

## Heavy ions at the LHC: look to EIC

*Wednesday 19 December 2018 10:10 (20 minutes)*

**Presenter:** WINN, Michael

**Session Classification:** Diffractive production

Contribution ID: 25

Type: **not specified**

## Glueball spectroscopy

*Wednesday 19 December 2018 11:00 (20 minutes)*

**Presenter:** JENKOVSKY, Laszlo

**Session Classification:** Diffractive production

Contribution ID: 26

Type: **not specified**

## **Spectroscopy from GlueX to EIC**

*Wednesday 19 December 2018 11:20 (20 minutes)*

**Presenter:** CREDE, Volker

**Session Classification:** Diffractive production

Contribution ID: 27

Type: **not specified**

## Light and heavy hybrids

*Thursday 20 December 2018 09:55 (20 minutes)*

**Presenter:** PILLONI, Alessandro (Jefferson Lab)

**Session Classification:** Gluonic and light states

Contribution ID: 28

Type: **not specified**

## QCD exotica within reach at LHC and beyond

*Wednesday 19 December 2018 11:40 (20 minutes)*

**Presenter:** Dr MCNULTY, Ronan

**Session Classification:** Diffractive production

Contribution ID: **29**

Type: **not specified**

## Introduction

*Wednesday 19 December 2018 09:00 (10 minutes)*

**Presenters:** SZCZEPANIAK ( INDIANA UNIVERSITY & JLAB ), Adam (Indiana University & JLab); BATTAGLIERI ( INFN GENOVA ), Marco (INFN Genova)

Contribution ID: **30**

Type: **not specified**

## **Kinematics for low $Q^2$ diffractive production**

*Thursday 20 December 2018 10:15 (15 minutes)*

**Presenter:** GLAZIER, Derek

**Session Classification:** Gluonic and light states