

Session Program

1-5 Jul 2019

Beyond General Relativity, Beyond Cosmological Standard Model

Beyond II

Faculty of Physics, University of Warsaw
conference hall 0.03, Faculty of Physics, University of Warsaw ul. Pasteura 5, 02-093 Warszawa Poland

Tuesday 2 July

08:45

Beyond II

Session |

Location: Faculty of Physics, University of Warsaw, conference hall 0.03, Faculty of Physics, University of Warsaw ul. Copernicus 24/03, Warszawa (Poland), Prof. Celine Boehm (morning)

08:45-10:00

Dark Matter Indirect Detection

Speaker

Prof. Marco Cirelli

10:00-10:20

Hunting Axion Dark Matter with New Techniques

Speaker

Tomohiro Fujita

10:20-10:50

coffee break

10:50-11:35

Searching for Dark Matter across different Scales

Speaker

Dr Wei Xue

11:35-11:55

Light Dark Matter from Inelastic Cosmic Ray Collisions

Speaker

Miguel D. Campos

11:55-12:15

Dark matter and baryon-number generation in quintessential inflation via hierarchical right-handed neutrinos

Speaker

Soichiro Hashiba

12:15-12:45

Poster session

Speakers

Aya IYONAGA, Bryce Cyr, Daniel Kristoffer Blixt, Emmanuel Frion, Francesco Pace, Jaksa Osinski, Jan Olle, Juho Lankinen, Laura Iacconi, Manuel Hohmann, Matteo Cinus, Michael Kenna-Allison, Mohammad Malekjani, SAMIR IRAOUI, Sebastián Bahamonde Beltrán, Tays Miranda de Andrade, Xin Ren, Yin Lu, Yun-Long Zhang

12:45-14:00

Lunch break

14:00-15:15

Gravity and cosmology beyond Einstein

Speaker

Prof. Shinji Mukohyama

15:15-15:35

Einstein-Gauss-Bonnet gravity in four space-time dimensions

Speaker

Dr Drazen Glavan

15:35-16:05

coffee break

16:05-16:50

Gravitational Effects of Disformal Couplings

Speaker
Prof. Anne-Christine Davis

16:50–17:35 **Resolving the strong coupling problem in massive gravity**

Speaker
Prof. Gregory Gabadadze

17:35–17:55 **Massive Gravity on a Brane**

Speaker
Daniel Older

17:55–18:15

Cosmology of models with spontaneous scalarization: instability and a cure.

Speaker
Dr Eugeny Babichev

18:15–18:35 **Role of matter in modified gravity: a search for new interactions**

Speaker
Dr Emir Gumrukcuoglu

19:20