



# Beyond General Relativity, Beyond Cosmological Standard Model

## Tuesday, July 2, 2019

### Beyond II (8:45 AM - 7:20 PM)

-Conveners: Celine Boehm (morning); Marcus Werner (afternoon)

time	[id] title	presenter
8:45 AM	[51] Dark Matter Indirect Detection	Prof. CIRELLI, Marco
10:00 AM	[101] Hunting Axion Dark Matter with New Techniques	FUJITA, Tomohiro
10:20 AM	coffee break	
10:50 AM	[82] Searching for Dark Matter across different Scales	Dr XUE, Wei
11:35 AM	[108] Light Dark Matter from Inelastic Cosmic Ray Collisions	CAMPOS, Miguel D.
11:55 AM	[98] Dark matter and baryon-number generation in quintessential inflation via hierarchical right-handed neutrinos	HASHIBA, Soichiro
12:15 PM	[55] Poster session	IYONAGA, Aya CYR, Bryce BLIXT, Daniel Kristoffer FRION, Emmanuel PACE, Francesco OSINSKI, Jaksza OLLE, Jan LANKINEN, Juho IACCONI, Laura HOHMANN, Manuel CINUS, Matteo KENNA-ALLISON, Michael MALEKJANI, Mohammad IRAOUI, SAMIR BELTRÁN, Sebastián Bahamonde DE ANDRADE, Tays Miranda REN, Xin LU, Yin ZHANG, Yun-Long
12:45 PM	Lunch break	
2:00 PM	[60] Gravity and cosmology beyond Einstein	Prof. MUKOHYAMA, Shinji
3:15 PM	[56] Einstein-Gauss-Bonnet gravity in four space-time dimensions	Dr GLAVAN, Drazen
3:35 PM	coffee break	
4:05 PM	[58] Gravitational Effects of Disformal Couplings	Prof. DAVIS, Anne-Christine
4:50 PM	[61] Resolving the strong coupling problem in massive gravity	Prof. GABADADZE, Gregory
5:35 PM	[57] Massive Gravity on a Brane	OLDER, Daniel
5:55 PM	[97] Cosmology of models with spontaneous scalarization: instability and a cure.	Dr BABICHEV, Eugeny
6:15 PM	[106] Role of matter in modified gravity: a search for new interactions	Dr GUMRUKCUOGLU, Emir