

## Session Program

4-9 Dec 2015



## 28th Texas Symposium on Relativistic Astrophysics

### ***12 - Gravitational lensing***

International Conference Centre Geneva  
17 Rue de Varembé, 1211 Geneva



## Tuesday 8 December

14:00

### 12 - Gravitational lensing

**Session** |

**Location:** International Conference Centre Geneva, Level -1, Room 16, 17 Rue de Varembé, 1211 Geneva |

**Convener:** Ludovic Van Waerbeke

14:00–14:21

#### How the observational quantities of strong gravitational lens effect depend on BH's mass and spin

**Speaker**

Hiromi Saida

14:21–14:42

#### The future for strong gravitational lensing

**Speaker**

R. Benton Metcalf

14:42–15:03

#### Search for lensed QSOs in the OGLE survey

**Speaker**

Dr Zuzanna Kostrzewa-Rutkowska

15:03–15:24

#### Weak lensing mass map in DECaLS DR1 survey

**Speaker**

Dr Huanyuan Shan

15:24–15:45

#### CMB lensing - galaxy cross-correlations

**Speaker**

Mr Yuuki Omori

15:45

16:15

### 12 - Gravitational lensing

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16:15–16:35

#### Where are the baryons?

**Speaker**

Dr Dominique Eckert

16:35–16:55

#### A direct measurement of tomographic lensing power spectra from CFHTLenS

**Speaker**

Fabian Köhlinger

16:55–17:15

#### Gravitational microlensing as a probe for dark matter

**Speaker**

Vitalii Sliusar

17:15–17:35

#### Test of relativistic gravity using the microlensing of broad iron line in quasars



**Speaker**  
levgen Vovk

17:35–17:38 **CMB lensing and deflection angles in high precision cosmology**

**Speaker**  
Fanizza Giuseppe

17:38–17:41

**Gravitational lensing flexion measurements in the Hubble Frontier Fields**

**Speaker**  
Mr Markus Rexroth

17:41–17:44 **Effects of the second-order vector mode on weak lensing signals**

**Speaker**  
Mr Shohei Saga

17:44–17:47

**Black Holes, Neutron Stars and White Dwarf Candidates from Microlensing with OGLE-III**

**Speaker**  
Dr Zuzanna Kostrzewa-Rutkowska

17:47–17:50

**How to use geodetic VLBI to measure relativistic light deflection from extragalactic objects**

**Speaker**  
Oleg Titov

17:50–18:45 **gap**

18:45