

## Session Program

12-17 Sept 2016



# Varying Constants and Fundamental Cosmology - VARCOSMOFUN'16

***[MG] Modifications of gravity***

Szczecin, Poland

Maritime University of Szczecin Campus, Szczercowa 4, 70-503 Szczecin

# Friday 16 September

14:00

## [MG] Modifications of gravity

**Session** | **Location:** Room 7, Szczercowa 4, 70-503 Szczecin | **Convener:** Jose Beltran Jimenez

14:00-14:35 **Cosmology of the de Sitter Horndeski models**

**Speaker**

Nelson Nunes

14:35-15:10 **Cosmology in generalized Proca theories and beyond**

**Speaker**

Shinji Tsujikawa

15:10-15:40 **Modified gravity with vector distortion and cosmological applications**

**Speaker**

Jose Beltran Jimenez

15:40

## [MG] Modifications of gravity

**Session** | **Location:** Room 7, Szczercowa 4, 70-503 Szczecin | **Convener:** Jose Beltran Jimenez

16:10-16:40

## Effective gravitational "constant" in scalar-(curvature)tensor and scalar-torsion gravities

**Speaker**

Laur Järv

16:40-17:10 **Post-Newtonian parameter in f(R) gravity**

**Speaker**

Dr Masaaki Morita

17:10-17:30

## The Number of Tidal Dwarf Satellite Galaxies in Dependence of Bulge Index

**Speaker**

Martín López Corredoira

17:30