

## **Session Program**

**24-29 Jun 2018**

### **Nuclei in the Cosmos XV**

#### ***Stellar contribution: WDs, Novae SNela, & X-ray burst***

LNGS, "E. Fermi" conference room  
Via G. Acitelli, 22 - 67100 Assergi (Italy)

# Monday 25 June

10:00

## Stellar contribution: WDs, Novae SNeIa, & X-ray burst

**Session** | **Location:** LNGS, "E. Fermi" conference room, Via G. Acitelli, 22 - 67100 Assergi (Italy) | **Convener:** Inmaculata Dominguez

10:00-10:30

### NIR and MIR Signatures of Thermonuclear SNe: New Prospects in the Age of JWST

**Speaker**

Peter Hoefflich

10:30-10:45

### "12321" Models of Classical Nova Explosions

**Speaker**

Jordi Jose

10:45-11:00

### Constraining type I X-ray burst models

**Speaker**

Christoph Langer

11:00-11:15

### Heavy Elements Nucleosynthesis On Accreting White Dwarfs surface: seeding the the p-process

**Speaker**

Umberto Battino

11:15

## Tuesday 26 June

12:45

### Stellar contribution: WDs, Novae SNela, & X-ray burst

**Session** | **Location:** LNGS, "E. Fermi" conference room, Via G. Acitelli, 22 - 67100 Assergi (Italy) | **Convener:** Jordi Jose

12:45-13:00

#### Inverse kinematics studies of $^{20,21}\text{Ne}(p,\gamma)^{21,22}\text{Na}$ relevant to $^{22}\text{Na}$ production in oxygen-neon novae with DRAGON

**Speaker**

Devin Connolly

13:00

14:30

### Stellar contribution: WDs, Novae SNela, & X-ray burst

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14:30-14:45

#### beta-Delayed Charged Particle Detector for Studies of Novae and X-ray Bursts

**Speaker**

Moshe Friedman

14:45-15:00

#### Study of key resonances in the $^{30}\text{P}(p,g)^{31}\text{S}$ reaction in classical novae

**Speaker**

Anne Meyer

15:00