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11<sup>th</sup> Pacific Rim Conference on Stellar Astrophysics THE UNIVERSITY OF HONG KONG  
FACULTY OF SCIENCE

# Physics and Chemistry of the Late Stages of Stellar Evolution

Hong Kong, 14-17 December, 2015

## Scientific Programme

### AGB stars, OH/IR stars

### Planetary nebulae

- Evolution of central stars of PN
- Dynamical evolution of PN
- Morphology of PN
- Shaping of PN

### Dust

- Carbonaceous dust
- Laboratory simulations

### Novae, symbiotic stars, cataclysmic variables

- Nature of symbiotic stars

### Molecules

- Search for complex molecules
- Distribution of molecules and dust in AGB stars and planetary nebulae (ALMA, SOFIA)
- Computational interstellar chemistry

### Solar system

- Presolar grains
- Organics in the solar system

## Invited Speakers

Bruce Balick (U of Washington)

Valentin Bujarrabal

(Observatorio Astronomico Nacional)

Franco Cataldo

(INAF- Osservatorio Astrofisico di Catania)

Huan Cheng Chang (Academia Sinica)

You Hua Chu (Academia Sinica)

Romano Corradi (IAC)

Tom Geballe (Gemini Observatory)

Bruce Hrivnak (Valparaiso University)

Roberta Humphreys (U of Minnesota)

John Lattanzio (Monash University)

Xiaowei Liu (Beijing U)

Jose Alberto Lopez (UNAM)

Arturo Manchado (IAC)

Tom Millar (Queen's University Belfast)

Takashi Onaka (U of Tokyo)

Quentin Parker (HKU)

Shengbang Qian (Yunnan Observatory)

Detlef Schoenberner (Postdam)

Wolfgang Steffen (UNAM)

Dinh-Van-Trung (Institute of Physics, Vietnam)

Robert Williams (STScI)



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