

# Focus week on Supernovae

## Near and far

Kavli IPMU  
Japan – Chile collaboration

December 12–14, 2012

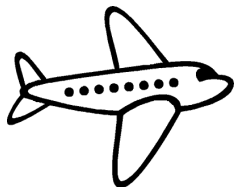
# Welcome!

## Supernovers Near and Far

Kavli IPMU  
NAOJ  
Carnegie (LCO)  
India

U of Chile  
U Andres Bello  
Hiroshima U  
Konan U

U of Tokyo  
MCSS  
Kyoto U



## Supernovae Near and Far

- Encourage and continue fruitful collaborations
- Identify common interests and join forces
- Link observations with theory



## Questions

- Progenitors
- Explosions
- Environments
- Distances

## Clues

- SN rates, hydrodynamics, stellar evolution, host imaging/spec
- Spectral time series, polarimetry, spectrum synthesis
- Interacting SNe, CSM, dust formation
- Surveys, extinction, NIR

- **Today:**  
Opening, luminous events, interactions, dust formation, environments  
*Dinner*
- **Tomorrow:**  
Surveys, Type Ia SNe, cosmology, extinction, models
- **Friday:**  
Core-collapse SNe, models and observations