

# ALMA

# 2010

## Novice User Workshop

### Program - November 20 Sat.

Time	Topic	Speaker
9:30-9:40	Opening remark	
9:40-10:30	Introduction to ALMA	Sheng-Yuan Liu (ASIAA)
10:40-11:30	Radio astronomy and single-dish telescopes	Yi-Nan Chin (TKU)
11:40-12:30	Introduction to interferometry	Chin-Fei Lee (ASIAA)
14:10-15:00	Galactic sources and the Solar System	Yi-Jehng Kuan (NTNU)
15:10-16:00	Extragalactic astronomy	Chorng-Yuan Huang (NCU)
16:10-17:00	Tools for ALMA	Shigehisa Takakuwa (ASIAA)



Organized by National Taiwan Normal Univ. / ASIAA Sponsored by National Science Council

主辦單位：國立台灣師範大學地球科學系 / 中研院天文所 協辦單位：行政院國家科學委員會

<http://www.es.ntnu.edu.tw/tuCASA/novice-wksp>

# ALMA Novice-User Workshop 2010



## ■ Organized by

- Department of Earth Sciences,  
National Taiwan Normal University (NTNUES)
- University Consortium of ALMA-T (UCAT)
- Academia Sinica Institute of Astronomy and  
Astrophysics (ASIAA)

## ■ Sponsored by

- The National Science Council (NSC)



# ALMA Novice-User Workshop 2010



- A workshop especially for colleagues and students without (strong) radio or interferometer background.
- targets at layman users
  - introduce the functionality, capability and usefulness of ALMA on various sciences in astrophysics.
- a “prerequisite” workshop in preparation for the more advanced the 2<sup>nd</sup> ALMA User Workshop to be held by ASIAA later (in Feb 2011).

# ALMA Novice-User Workshop: the Program

## Part I

- Date: **Nov 20** (Sat, 9:30 – 17:00)
- Place: NTNU Sci Campus (師大分部)
- **am**
  - Intro ALMA
  - Radio Astro & SD
  - Interferometer (I)
- **pm**
  - Galactic/Solar System
  - Extragalactic
  - ALMA tools

## Part II

- Date: **Dec 18** (Sat, 9:00 – 17:00)
- Place: ASIAA
- **am**
  - Interferometer (II)
  - Calibration
  - Imaging
- **pm**
  - OT Lab-I
  - OT Lab-II





# ALMA 2010 Novice User Workshop

## November 20 Program

Time	Topic	Speaker
9:30-9:40	Opening remark	
9:40-10:30	Introduction to ALMA	Sheng-Yuan Liu (ASIAA)
10:40-11:30	Radio astronomy and single-dish telescopes	Yi-Nan Chin (TKU)
11:40-12:30	Introduction to interferometry	Chin-Fei Lee (ASIAA)
14:10-15:00	Galactic sources and the Solar System	Yi-Jehng Kuan (NTNU)
15:10-16:00	Extragalactic astronomy	Chorng-Yuan Huang (NCU)
16:10-17:00	Tools for ALMA	Shigehisa Takakuwa (ASIAA)

## 組織委員會 / Organizing Committee

陳惠茹 (國立清華大學)  
Vivien Chen (NTHU)

黃崇源 (國立中央大學)

Chorng-Yuan Hwang (co-Chair, NCU)

管一政 (國立台灣師範大學)

Yi-Jehng Kuan (co-Chair, NTNU)

賴詩萍 (國立清華大學)

Shih-Ping Lai (NTHU)

李景輝 (中央研究院天文所)

Chin-Fei Lee (ASIAA)



date :

2010/11/20 Sat.

location :

RM S102 TEACHING & RESEARCH BLDG.  
SHIDA SCIENCE CAMPUS  
(師大分部 教學研究大樓 S102)

Organized by National Taiwan Normal Univ. / ASIAA  
Sponsored by National Science Council

主辦單位：國立台灣師範大學 地球科學系 / 中研院天文所  
協辦單位：行政院國家科學委員會

<http://www.es.ntnu.edu.tw/tuCASA/novice-wksp>