

Monday, Nov 13

8h00-9h00: Registration

9h00-9h30 : Welcome and practical information

Section 1 : The project

Chairman: **C. Cesarsky**

09h30-10h00 M. Tarengi: Status of the ALMA project

10h00-10h30 Al Wootten: The ALMA capacities for line observations

10h30-11h00 Tom Wilson: The ALMA capacities for continuum observations

11h00-11h30 Coffee break

11h30-12h00 R. Kawabe: The ACA array

Section 2 : Star Formation

Chairman: **R. Bachiller**

12h00-12h30 Ewine van Dishoeck : A general view of ALMA capacities in the field of star formation

12h30-13h00 Ricardo Cesaroni : High mass star forming regions: an ALMA View

13h00-15h00 Lunch

15h00-15h30 Philippe André : Low Mass Star forming regions

15h30-16h00 Debra Shepherd : Molecular Outflows

16h00-16h30 Yuri Aikawa : Chemistry in low mass star forming regions: ALMA's contribution

16h30-17h00 : Sthépane Guilloteau : A new view of Protoplanetary disks with ALMA

17h00-17h30 Coffee Break

Chairman: **Yamamoto**

17h30-18h00 : David J. Wilner : Debris Disk Evolution, grain growth: The ALMA view of dust evolution

18h00-18h15 Claudia Comito : Interferometry and the search for massive protostellar disks : Cep-A

18h15-18h30 Brenda Matthews : Most Recent Results of the Ongoing Study of the Class 0 Source Barnard 1c

18h30-18h45 C. Brogan : High Resolution SMA Observations of the Hot core line emission from massive Protostars

18h45-19h00 F. Wyroski : APEX and ATCA observations of the remarkable southern hot core G327.2-0.6 and its environs

19h00-19h15 Berangere Parise : The physical conditions in the BHR71 outflows

19h15-19h30 Darek Lis : Interstellar Deuteroamonia : Tracing physical conditions in cold and dense ISM

Tuesday, Nov 14

Section 2: Star Formation (Continuation)

09h00-09h15 L. Brofmann : Massive Star Formation in the Southern Milky Way

09h15-09h30 J.M. Girart : Kinematical study of L1448 molecular outflow at subarcsecond angular resolution

09h30-09h45 T. Hasegawa : ASTE Observations of the massive star forming region SgrB2 : A Giant Impact Scenario

09h45-10h00 M. Guélin : Unveiling the chemistry of hot protostellar cores with ALMA

Section 3 : Proto-Planets and substellar objects

Chairman : **S. Guilloteau**

10h00-10h30 Nagayoshi Ohashi: The ALMA expectations in the field of Planet formation

10h30-11h00 Sebastian Wolf: Detecting Protoplanets with ALMA

11h00-11h30 Coffee Break

11h30-12h00 Antonella Natta: The study of substellar objects with ALMA

12h00-12h15 Sean Andrews : A Submillimeter View of Protoplanetary Disks

Section 4 : Molecular Clouds

Chairman : **E.F. van Dishoeck**

12h15-12h45 Doug Johnstone : Observations of Dust in Molecular Clouds with ALMA

12h45-13h00 A. Fuente : High angular resolution imaging of the circumstellar material around intermediate mass stars

13h00-13h15 Izaskun Jimenez : Revealing the fingerprints of the magnetic precursor of C-shocks

13h15-15h00 Lunch

15h00-15h30 Richard M. Crutcher : Polarization measurements of molecular lines with ALMA

15h30-16h00 Mario Tafalla : Observations of Protostellar cores with ALMA

16h00-16h30 Jesús Martín-Pintado : ALMA and the Galactic Center

16h30-17h00 Yasuo Fukui : Contrasting Star Formation in the Magellanic Clouds and the Milky Way: the ALMA View

17h00-17h30 Coffee Break

Chairman : **M. Guélin**

17h30-18h00 John C. Pearson: Laboratory Data, Line Confusion and Other Unique Opportunities and Challenges for ALMA Line Surveys

18h00-18h30 Eric Herbst : Chemistry in the ISM : The ALMA revolution

18h30-18h45 N. Sakai : Complex organic molecules in an early stage of protostellar evolution

18h45-19h00 D. Mardones : Dense cores in the massive star forming region NGC6334

- 19h00-19h15 S. Tahahaski :** A new Scenario of intermediate mass star formation revealed by multi-lambda observations of OMC-2/3
- 19h15-19h30 S. Takakuwa :** Scientific role of the ACA in the ALMA project for the field of star formation
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Wednesday, Nov 15

Section 5 : Solar System

Chairman :

- 09h00-09h30 Bryan Butler:** An overview of the ALMA capacities for the study of the solar system
- 09h30-10h00 Emmanuel Lellouch:** The study of Planetary Atmospheres with ALMA
- 10h00-10h30 Dominique Bockelee-Morvan:** The study of Comets with ALMA
- 10h30-11h00 Amy J. Lovell:** Observation of Asteroids with ALMA

11h00-11h30 Coffee Break

- 11h30-11h45 M. Loukitcheva :** The solar cromosphere and its open questions in the light of ALMA
- 11h45-12h00 Mark Hofstadter :** Millimeter and Submillimeter Observations of Uranus and Neptune

Section 6 : Evolved Stars

Chairman : **J. Martín-Pintado**

- 12h00-12h30 Hans Olofsson:** The study of evolved stars with ALMA
- 12h30-13h00 Valentin Bujarrabal:** The Molecular Content and Physical Structure of Protoplanetary Nebula

13h00-15h00 Lunch

- 15h00-15h30 Patrick J. Huggins :** Planetary Nebulae and ALMA
- 15h30-16h00 Tom Millar:** Chemistry in the ISM : Unveiling the dust formation zone
- 16h00-16h15 R. Sahai :** Interferometric observations of pre-planetary nebula
- 16h15-16h30 M. Agúndez :** Understanding the chemical complexity of the CSE of C-rich stars : IRC+10216
- 16h30-16h45 J. Alcolea :** New Plateau de Bure Observations of M1-92 : unveiling the core

Section 7 : Galaxies

Chairman : **C. Carilli**

- 16h45-17h15 Linda Tacconi :** An overview of Galaxy Formation with ALMA

17h15-17h45 Coffee Break

- 17h45-18h15 Kazushi Sakamoto :** Gas dynamics and structure of galaxies
- 18h15-18h45 Min Yun :** Star Formation in Galaxies

18h45-19h15 Jean L. Turner : Chemical Complexity in Nearby galaxies
19h00-19h15 Sergio Martin : The Galactic Center as nearby extragalactic chemical laboratory through Molecular line surveys
19h15-19h30 Santiago Garcia-Burillo : Probing the feeding and feedback of activity in galaxies near and far.

Thursday , Nov 16

Section 7 : Galaxies (cont)

09h00-09h30 Sussane Aalto: Chemistry in active Galaxies
09h30-10h00 Kohno Kotaro : Dense gas in nearby active and normal galaxies
10h00-10h30 Michael Regan : Star formation in galaxies: multiwavelength insights
10h30-11h00 Nick Scoville : Spectroscopic Surveys of Cosmic Evolution

11h00-11h30 Coffee Break

11h30-11h45 N. Kuno : Observations of Molecular Clouds in Nearby Galaxies with ALMA
11h45-12h00 C. Wilson : Luminous Infrared galaxies with SMA : Probing the extremes of SF

Section 8: High redshift galaxies & Cosmology

Chairman : **C. Wilson**

12h00-12h30 David Hughes (TBC): Large scale continuum surveys with ALMA
12h30-13h00 Frank Bertoldi : Continuum observations of high-z objects

13h00-15h00 Lunch

15h00-18h00 : Poster sessions and splinter meetings (TBC)

21h00 CONFERENCE DINNER
Dinner talk : Paul van den Bout

Friday, Nov 17

Section 8: High redshift galaxies & Cosmology

Chairman : **C. Wilson**

10h00-10h30 Fabian Walter: Search for the most distant objects with ALMA
10h30-11h00 Toru Yamada: Multi-wavelength observations of very distant galaxies

11h00-11h30 Coffee Break

11h30-12h00 Dale A. Frail: ALMA and the high-z GRBs

12h00-12h30 Yoshiaki Taniguchi: Lyman alpha emitters at highest redshift.

Extensive study in the field of starburst galaxies from nearby to high-z

12h30-12h45 C. Carilli : Observations of the first light with ALMA

12h45-13h00 S. Viti : Molecular Signatures of Star Formation at high-z

13h00-15h00 Lunch

15h00-15h30 Françoise Combes: Molecular Absorption measurements in high-z objects

15h30-16h00 Philip Solomon: Dense Molecular Gas and Star Formation in Galaxies near and far

16h00-16h30 Naoshi Sugiyama (TBC): Cosmology and SZ with ALMA

16h30-16h45 J. Gracia Carpio : ULIRG sample : the low redshift connection to the huge high-z starburst and AGNs

CONFERENCE SUMMARY :

16h45-17h15 A. Sargent & P. Cox: Galactic & Extragalactic/Cosmoslogy