



Outline

Welcome: K.Y. Lo

ALMA Project Status: Adrian Russell

ALMA Science Goals: Chris Carilli

NAASC: Crystal Brogan

Discussion: K.Y. Lo Moderator



The ALMA Partnership

ALMA is a global partnership in astronomy to deliver a truly transformational instrument

North America (US, Canada)

Europe (via ESO with Spain)

Japan (now including Taiwan)

Key Science goals include

Image protoplanetary disks, to study their physical, chemical, and magnetic-field structures, and to detect tidal gaps created by planets undergoing formation in the disks;

image starburst galaxies as early as $z = 10$;

image normal galaxies like the Milky Way out to $z = 3$

Located on the Chajnantor plain of the Chilean Andes 16500' above sea level

ALMA will be a single Joint Observatory in Chile, with regional science centers as interface for the various scientific communities

North American ALMA Science Center (NAASC) is located in Charlottesville Virginia

Brief Overview of ALMA

ALMA endorsed as the highest priority project for the decade by the astronomical communities of the United States and Canada, the United Kingdom, France, the Netherlands (as the LSA) and Japan (the latter as LMSA)

NSF funding is in its 8th year with FY2006, beginning with three years for design and development

ALMA is governed by a Board, with representatives from each of the partners. Each partner has an Executive to implement ALMA:

North America: AUI/ NRAO

Europe: ESO

Japan: NAOJ

Joint ALMA Office oversees ALMA construction activities by joint teams

Tarengi, Director

Beasley, Project Manager

Murowinski, Project Engineer

T. Wilson, Project Scientist (on Turno)

Russell and Rykaczewski NA and European Project Managers

NRAO established ANASAC as NA user community representative body to provide inputs on ALMA related issues