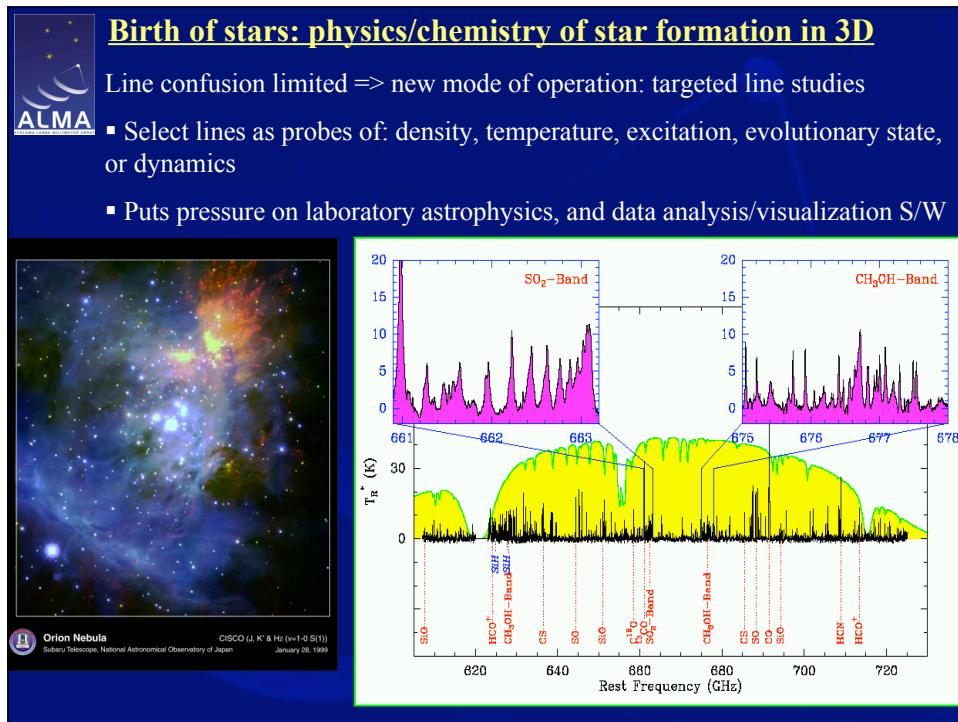
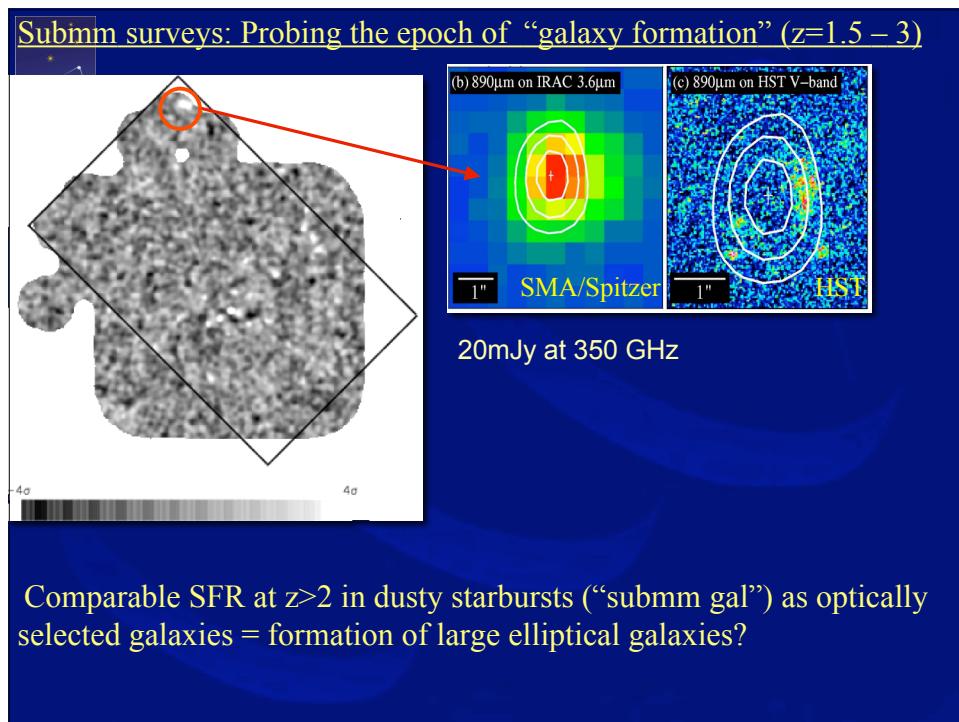


The image contains the ALMA logo in the top left. To its right, the URL "http://www.oan.es/alma2006/" is written in white. Below this, there are three yellow rectangular boxes. The first box on the left contains the Spanish flag and the text "MINISTERIO DE FOMENTO". The middle box contains the ALMA logo and the text "Atacama Large Millimeter Array". The third box on the right contains the Spanish flag and the text "MINISTERIO DE EDUCACIÓN Y CIENCIA". Below these boxes, the text "Science with ALMA: a new era for Astrophysics" is centered in a large, dark blue font. Underneath this, a photograph of several large white dish antennas in a desert landscape is shown. To the right of the photo, the text "International Conference, 2006" is written in a smaller dark blue font. At the bottom, the text "13 - 16 November 2006" and "Madrid, Spain" are listed in a dark blue font.





Summary of detailed requirements

ALMA

Frequency	30 to 950 GHz (initially only 84–720 GHz)
Bandwidth	8 GHz, fully tunable
Spectral resolution	31.5 kHz (0.01 km/s) at 100 GHz
Angular resolution	1.4 to 0.015" at 300 GHz
Dynamic range	10000:1 (spectral); 50000:1 (imaging)
Flux sensitivity	0.2 mJy in 1 min at 345 GHz (median conditions)
Antenna complement	64 antennas of 12m diameter
Polarization	All cross products simultaneously

