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[\[天文科學\]中研院天文所加入「ALMA-北美計畫」](#)

中研院天文所加入「ALMA-北美計畫」

台美於2008年12月底簽署一項天文計畫協議書，這使中研院天文所和天文物理所在「ALMA國際合作計畫」中的參與程度大幅提高。

該合作協議由駐美國台北經濟文化代表處與美國在台協會代表簽署，而我國中研院天文及天文物理所以及美國國家電波天文台共同參與，執行ALMA國際計畫中的「ALMA-北美計畫」，據此，台灣的天文學者將享有與美國、加拿大學者同等級研究資源與責任。

先前中研院天文所已參與日本國立天文台主導的「ALMA-東亞計畫」，如今又參與「ALMA-北美計畫」，實質地大幅提昇在「ALMA國際合作計畫」中的參與程度。

「ALMA」(Atacama Large Millimeter/submillimeter Array)是由北美、歐洲以及東亞三區的跨國科學團隊共同合作推動的國際計畫，是有史以來最巨型的地面天文觀測計畫。台灣在次毫米波的天文研究方面是一個世界級的技術中心，對ALMA計劃的觀測陣列建設相信有所助益。

The Institute of Astronomy and Astrophysics, Academia Sinica, Takes Part in ALMA North American Partnership

An astronomical cooperation agreement has been signed by representatives of the United States and R.O.C. (Taiwan) in the end of December 2008. This agreement will lead the Institute of Astronomy and Astrophysics, Academia Sinica, to more direct participation in ALMA international partnership.

The agreement is signed by the American Institute in Taiwan and the Taipei Economic and Cultural Representative Office. American National Radio Astronomical Observatory and the Institute of Astronomy and Astrophysics will co-direct the ALMA North American Project. According to this, the astronomers in Taiwan will share the same research resources and responsibilities as American and Canadian astronomers.

The Institute of Astronomy and Astrophysics has taken part in the ALMA East Asian Project directed by the National Astronomical Observatory of Japan. Now, co-directing the North American Project, the Institute of Astronomy and Astrophysics accesses to more significant participation in ALMA.

「ALMA」(the Atacama Large Millimeter/submillimeter Array) is a big international project held by teams from North American countries, European countries and East Asian countries. It is the most gigantic ground-based astronomical observatory plan ever made on Earth. Taiwan is a leading center for astro-submillimeter research. Great contribution to the ALMA project is highly anticipated.

深入資訊：

中研院天文及天文物理所：<http://www.asiaa.sinica.edu.tw/indexch.php>

ALMA：<http://www.alma.nrao.edu/>

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