

**Caption 1:**

- ✓ ESO Photo Ambassador Babak Tafreshi snapped this remarkable image of the antennas of the Atacama Large Millimeter/submillimeter Array (ALMA), set against the splendour of the Milky Way. Ewine van Dishoeck has been heavily involved in the development and use of the ALMA observatory. Credit: ESO/B. Tafreshi (twanight.org)

**Caption 2:**

- ✓ Observation of methyl isocyanate, a potential building block of life detected by Ewine van Dishoeck and colleagues around newly-formed sun-like stars using ALMA.  
Credit: ESO/Digitized Sky Survey 2/L. Calçada

**Caption 3:**

- ✓ This image shows an artist's impression of the icy protoplanetary disc around the young star TW Hydrae (upper panel) and the spectrum of the disc as obtained using the HIFI spectrometer on ESA's Herschel Space Observatory (lower panel).  
Credit: ESA/NASA/JPL-Caltech/M. Hogerheijde (Leiden Observatory)

**Caption 4:**

- ✓ Ewine van Dishoeck. Photo: Henrik Sandsjö/Leiden university