

Report of the COST CM1401 final conference

Title: Our Astro-Chemical History: The Past, Present and Future

Date/Location: 10-14.9.2018, Assen, NL

Over the past four years, the COST Action "Our Astro-Chemical History" (CM1401) has successfully involved new chemistry groups within Europe into the interdisciplinary research field of Astrochemistry. This years final conference in Assen (Sept 10-14, 2018) had 57 participants from 12 European countries, and in addition participants from Tunisia, US, China and Japan.

Results from the action, especially from Short Term Scientific Missions were presented by 27 science talks, 4 reports on working group activities (Icy Grain Surface Chemistry, Isotopic Fractionation, UV and X-ray Photochemistry, Chemistry in Diluted Cold Gases) and 10 short 2-3 minute poster presentations. In addition, we had invited talks on science hot topics: Chemistry of Planetary Atmospheres (C. Helling) and Comet Chemistry (K. Altwegg). We also invited speakers to reflect on the future of astrochemistry: The Future of Astrochemistry (F. Salama), Molecules at High Redshift: From ALMA to SKA (J. Wagg), The Future of Surface Chemistry (S. Cazaux), New Experimental Directions (I. Sims).

The total number of NOVA participants was nine. Five of them were speakers (one from each institute: Amsterdam, Nijmegen, Delft, Groningen, Leiden) and two were session chairs (Leiden/Groningen).