



Action CM0805
 Chemistry and Molecular Sciences and
 Technologies

COST Grant System

Action CM0805 Fact Sheet

Title

The Chemical Cosmos: Understanding Chemistry in Astronomical Environments

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Details

Draft Mou:
 Start of Action: 17/04/2009
 End of Action: 16/04/2013

Mou: 253/08
 Entry into force: 03/02/2009
 CSO approval date: 24/11/2008

Objectives

The main objective of this Action is to study chemical processes relevant to the physical conditions encountered in the interstellar medium, and on the surface and in the atmospheres of planetary bodies. The Action aims to provide new insights into the dynamics of the chemical reactions leading to molecular synthesis under such conditions and reveal how these are influenced by the ambient temperature and pressure. Special attention will also be given to the study of the novel surface chemistry prevalent on interstellar medium dust grains and planetary surfaces. The Action also aims to combine such laboratory data with complementary chemical models to allow a fuller interpretation of observational data.

Parties

Country	Date	Country	Date	Country	Date	Country	Date
Austria	10/06/2009	Belgium	03/02/2009	Czech Republic	24/02/2009	Denmark	01/04/2009
Finland	13/05/2009	France	03/02/2009	Germany	03/02/2009	Hungary	16/04/2009
Iceland	23/03/2009	Ireland	30/03/2009	Italy	03/02/2009	Latvia	26/06/2009
Netherlands	21/04/2009	Norway	08/09/2009	Poland	30/03/2009	Portugal	16/02/2009
Serbia	13/03/2009	Slovak Republic	13/05/2009	Spain	25/02/2009	Sweden	25/03/2009
United Kingdom	03/02/2009						

Total: 21

Intentions to accept the MoU

Country	Date	Country	Date	Country	Date	Country	Date
Israel	N/A	Malta	N/A				

Total: 2



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Working Groups

None

Website

None

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