



Workshop



“Cold Plasmas and Astrochemistry: Gas and Dust”

**7-8 July 2014- Madrid (Spain), 3PC meeting
(3PC, Astromol, Nanocosmos)**

**July 7, 2014: Instituto de Estructura de la Materia (IEM-CSIC)
Sala de Conferencias del Centro de Física “Miguel A. Catalán”
c/Serrano 121, 28006 Madrid**

- 9:00 - 9:15 Presentation.
- 9:15 - 9:45 José Cernicharo (ICMM-CSIC) “Ion-neutral chemistry in the interstellar medium”.
- 9:45 - 10:15 Christine Joblin (IRAP-Univ. Toulouse/CNRS) “Studying the photophysics and chemistry of PAH in a cold ion trap”.
- 10:15-10:45 Isabel Tanarro (IEM-CSIC): “Kinetics of neutrals and ions in cold molecular plasmas: gas and surface processes”.
- 10:45-11:15 Coffee break.
- 11:15-11:45 José Luis Doménech (IEM-CSIC) “Infrared spectroscopy of molecular ions”.
- 11.45-12:15 Bernard Despax (LAPLACE-Univ. Toulouse/CNRS) “Dust particles detection in Ar-HMDSO plasma”.
- 12:15-12-45 Nabiha Chaumeix (ICARE-Univ. Orléans/CNRS) “New Development in the experimental study of the kinetics of fuel decomposition using shock tube”.
- 13:00-14:30 Lunch.
- 14:30-15:00 Richard Clergereaux (LAPLACE-Univ. Toulouse/CNRS) “Effect of ablated nanoparticles in low pressure magnetized plasmas”.
- 15:30-16:00 Discussions.
- 16:00-17:30 Visit to the laboratories at IEM-CSIC.





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July 8, 2014:

**Instituto de Ciencia de Materiales de Madrid (ICMM-CSIC)
Sala de Seminarios. c/Sor Juana Inés de la Cruz 3, 28049 Madrid**

9:30 - 9:45 Presentation.

9:45 - 10:15 Hassan Sabbah (IRAP-Univ. Toulouse/CNRS) “Molecular analysis of PAH content in meteorites using the PIRENEA set-up”.

10:15-10:45 José Angel Martín Gago (ICMM-CSIC) “Stardust and surface physics”.

10:45-11:30 Discussion.

11:30-12:00 Coffee Break.

12:00: 13:00 Visit to the laboratories at ICMM-CSIC .

13:00-14:00 Lunch.

Organized by:

Víctor José Herrero (IEM-CSIC)

Isabel Tanarro (IEM-CSIC)

Kremena Makasheva (LAPLACE-Univ. Toulouse/CNRS)

