

LOCATION

The conference venue will be held at the Hotel Beatriz-Costa Teguise in Lanzarote Canary Islands (Spain). Lanzarote is a very beautiful volcanic island unique in the World with fantastic national parks. The Conference Dinner will be held on Thursday night at the "Jameos del Agua" a world protected natural monuments consist in a few volcanic bubbles connected with an underground river, a good example of diffusion.



DEADLINES

Abstract submission:

- January 30th, 2008
- Acceptation of abstracts and preliminary programme:

- February 28th, 2008

Manuscript submission:

- May 30th, 2008

Acceptation of papers:

- June 30th, 2008

REGISTRATION

- Early registration: June 30th, 2008. 650€
- Late registration: 750€
- One day Conference: 250€
- Student fee: 200€
- No registration possible after september 20th
- Web:

www.ucm.es/info/tuma/quimicas_superficie/congresos.html

ORGANIZING COMMITTEE

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DIMAT 2008

SEVENTH INTERNATIONAL CONFERENCE ON DIFFUSION IN MATERIALS



First announcement
and call for papers

Lanzarote (Canary Islands)
28-31 October 2008



TOPICS

Topics to be covered include, but are not limited to:

Fundamentals of Diffusion: defects, ab-initio calculations, atomic jumps, random walk theory, phenomenology...

Tools for Diffusion Studies: experimental tools and technical aspects of simulation methods, data bases, software...

Main Classes of Materials: metals and alloys, semiconductors, quasi-crystals, polymers, glasses, ionic conductors, intermetallics...

Spatially Limited Media: thin films, surfaces, grain-boundaries, interfaces, multilayer, heterostructures...

Diffusion-controlled Processes: irradiation, leaching, galvanization, hydrogen and liquid metals embrittlement, phase transformations, alloy heat treatments, joining,...

Reactive Diffusion

Multiphase diffusion

Diffusion and stresses

Corrosion

Electronics, microelectronics: packaging, electromigration...

Diffusion in Nanoscale: phenomenology, nanoscale transport, diffusion in nanoelectronics and nanomaterials...

Interfaces

Surface oxidation

Heat and mass transfer

Coatings and surface modification

Industrial applications

New Challenges: biomaterials, geochemistry and earth science...

SCIENTIFIC COMMITTEE

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CONTACT

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ABSTRACTS

Abstracts deadline would be January 30th, 2008. On February 28th the authors will receive information of the accepted papers and where they have been placed in oral or poster.

The deadline for the contributions would be April 30th, 2008. After this date, authors will receive the acceptance or not and the suggestions of referees.

The deadline for the reception of the corrected contributions would be on June 15th, 2008