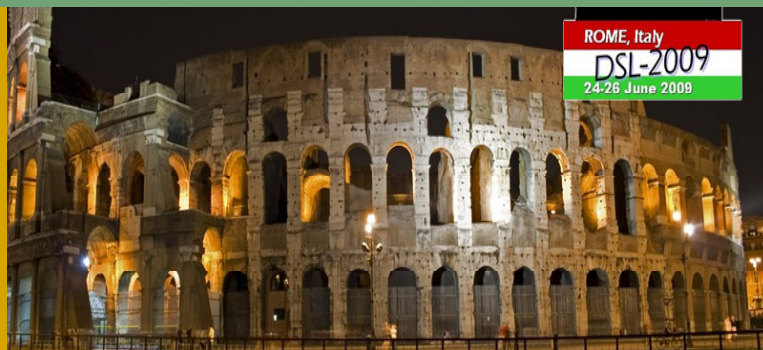


DSL2009-Rome, Italy/24-26 June, 2009

5th International Conference on Diffusion in Solids and Liquids – Mass Transfer, Heat Transfer and Microstructure and Properties



www.dsl2009-rome.com / contact@dsl2009-rome.com / DSL 2009 24-26 June, 2009 / Rome, Italy

GENERAL INFORMATION:

Dear Colleagues,

It is our great pleasure to invite you to participate in the 5th International Conference on Diffusion in Solids and Liquids – Mass Transfer, Heat Transfer and Microstructure and Properties, DSL-2009, which will be held in the ancient Rome, Italy, from 24-26 June, 2009.

DSL-2009, as the last years, will offer a high quality scientific programme with an exciting selection of Invited Speaker lectures featuring some of the world's leading experts in the field. Submitted abstracts will be selected for oral presentation, poster session or special sessions.

Rome, the capital of Italy, with its more than 2000 years of history, has one of the biggest cultural heritages in the world. From the Roman Empire times through the Renaissance and Baroque to the current age, Rome is a fascinating city.

Looking forward to welcome you in Rome!

Prof. Dr.-Ing. Andreas Öchsner (Chair)

VENUE: Rome, Italy

DATE: 24-26 JUNE, 2009

LANGUAGE: English

VENUE: Grand Hotel Palazzo Carpegna (**)**

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CONFERENCE TOPICS:

Mass Transfer

- ☐ Basics of diffusion
- ☐ Carburisation and Nitridation
- ☐ Internal precipitation
- ☐ Alloy heat treatment
- ☐ Particle growth and coarsening
- ☐ Microstructural and crystallographic texture evolution
- ☐ Reactive diffusion
- ☐ Phase transformations
- ☐ Multiphase diffusion systems
- ☐ Microelectronic and nanoscale systems
- ☐ Interfaces
- ☐ Diffusion in crystalline and amorphous materials
- ☐ Diffusion in ultrafine grain and nanocrystalline materials
- ☐ Diffusion in porous media
- ☐ Surface oxidation
- ☐ Phase diagrams
- ☐ Ad- and ab-sorption
- ☐ Diffusion coefficients
- ☐ Solute trapping at solid liquid interfaces
- ☐ Mathematical modelling
- ☐ Numerical methods
- ☐ Experimental methods
- ☐ Industrial applications

Heat Transfer

- ☐ Mathematical modelling
- ☐ Numerical methods
- ☐ Experimental methods
- ☐ Industrial applications

Microstructure & Properties

- ☐ Mathematical modelling
- ☐ Numerical methods
- ☐ Experimental methods
- ☐ Industrial applications

Nanodiffusion and

Nanostructured Materials

- ☐ Nanomaterials
- ☐ Nanocomposites
- ☐ Industrial applications

SPECIAL SESSIONS:

- "Diffusion in Intermetallics"
- "Heat Transfer in Cellular and Composite Materials"
- "Grain Boundaries and Interfaces: Structure, Thermodynamics and Diffusion Properties"
- "Heat and Mass Transfer in Porous Media"
- "Characterization and properties of hard coatings"

....check www.dsl2009-rome.com

IMPORTANT DATES:

- ✓ Abstract Submission Deadline 27 Mar 2009
- ✓ Notification of Acceptance 03 Apr 2009
- ✓ Early Bird Registration 17 Apr 2009
- ✓ Accommodation Reservation 20 Apr 2009
- ✓ **DSL- 2009 24-26 Jun 2009**

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PUBLICATION:

Selected papers will be published in a special issue or topic of **ADVANCED ENGINEERING MATERIALS**, during 2010. The journal is published by WILEY-VCH and cited on ISI Web of Science (Impact Factor 2006: 1.402).

Papers submitted to DSL-2009 and accepted after revision will be published in the periodical "**DEFECT AND DIFFUSION FORUM**" by Trans Tech. Publications: www.ttp.net/1012-0386.html

Publishing Track Record: DSL-2008

- ✓ *Special Journal Issue: Advanced Engineering Materials* by WILEY-VCH (Impact Factor 2006: 1.402).
- ✓ *Special Journal Issue: Defect and Diffusion Forum* by Trans Tech. Publications
- ✓ *Journal of Porous Media* (Impact Factor 2006: 0.493)
- ✓ *Chemical Engineering Research & Design* (Impact Factor 2006: 0.747)
- ✓ *The Journal of Nano Research* / <http://www.ttp.net/1661-9897.html> / *Special Topic Issue on "Diffusion in Nanomaterials"*
- ✓ *Reviews on Advanced Material Science* / <http://www.ipme.ru/e-journals/RAMS/> (Impact factor 2006: 1.019)

..See 2007, 2006, 2005 under www.dsl2009-rome.com

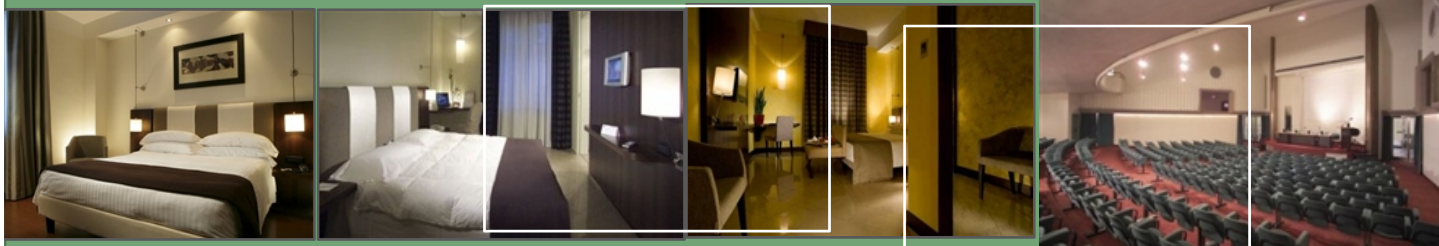
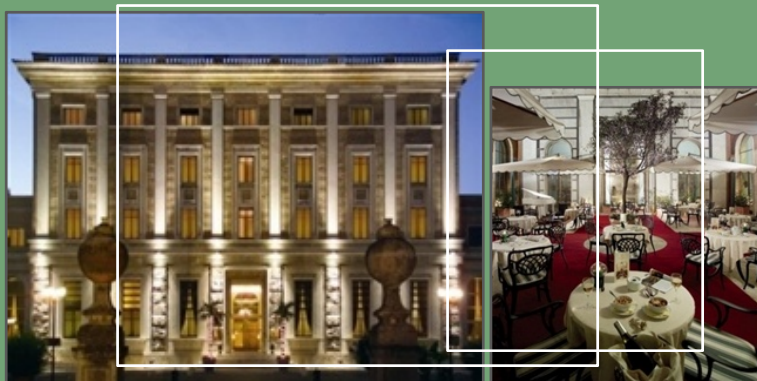
CONFERENCE VENUE: Rome, Italy Grand Hotel Palazzo Carpegna (****)

The **Grand Hotel Palazzo Carpegna** hotel located just minutes from the Vatican City, St. Peter's Basilica and Rome city centre. The hotel is housed in a wonderful historical building surrounded by luxuriant gardens, within the charming setting of Villa Carpegna park.

Recently completely renovated.

All the rooms are comfortable and carefully furnished.

Special Rates for DSL2009 Participants (see www.dsl2009-rome.com)



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