



Reviews on Advanced Materials Science

Volume 21, Number 1, September 2009

Editorial Policy:

Reviews on Advanced Materials Science provides an international medium for the publication of reviews, topical issues and international conference proceedings in the area of theoretical and experimental study of advanced materials. Focuses are placed on, but not limited to nanostructured materials, semiconductors and materials for hydrogen economy. We encourage prospective authors to correspond with the Editor-in-Chief before submitting a review article. Proposals should include an outline with key citations. All papers submitted will be rigorously peer-reviewed prior to publication. **Reviews on Advanced Materials Science** is published in both paper and electronic versions.

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Proceedings of the

**SIXTH INTERNATIONAL WORKSHOP
ON SURFACE AND INTERFACIAL
SEGREGATION
(IWSIS)**

(in the framework of the 4th international Conference
on Diffusion in Solids and Liquids (DSL 2008),
Barcelona, July 10, 2008)

Guest editor: B.B. Straumal

PREFACE

This issue of the RAMS journal contains the papers based on the contributions made during the Sixth international workshop on surface and interfacial segregation (IWSIS). It took place in Barcelona on July 10, 2008 in the framework of the 4th international conference on diffusion in solids and liquids (DSL 2008). IWSIS is a traditional meeting of specialists in the fields of surface and interfacial segregation, diffusion and related phenomena. It continued a series of successful meetings organized in Balatonföldvár, Hungary, 1997, Schloss Ringberg, Germany, 1999, Ile de Porquerolles, France, 2001, Cape Town, South Africa, 2003 and Nove Hrad, Czech Republic, 2005. Main topics of the meeting were:

- Segregation kinetics and diffusion
- Relationship between segregation (and diffusion) and interface structure:
- Size effect in interfacial and surface segregation
- Prediction of solute segregation at well characterized surfaces and interfaces

B.B. Straumal

Regular papers