

ANNOUNCEMENT

NEW BOOK SERIES

A new Book series to be published by Springer in collaboration with the International Sol-Gel Society (ISGS).

"Advances in Sol-Gel Derived Materials and Technologies"

Volume 2

Advanced Characterization Techniques for Sol-Gel Materials

Prof. Dr. Michel A. Aegerter (JSST editor-in-chief, Bottens, Switzerland) and Dr. Michel Prassas (Manager External Technologies Europe at the Corning European Technology Center, Avon, France), Editors-in-Chief for this new book series have the pleasure to announce the preparation of the second book **which should appear on the market by late 2011.**

> **The second volume** will be edited by Prof. Dr. Jean-Marie Nedelec (Clermont Université, Aubière, France), Prof. Dr. David Grosso (Université Pierre et Marie Curie and Collège de France, Paris, France), Prof. Dr. Rui Almeida (Instituto Superior Tecnico, Lisboa, Portugal)

> **Aim and scope:**

Sol-gel chemistry is widely used to make materials of desired shape and functionality. As these materials have become more diverse and complex, the ability to characterize structure and properties has emerged as a critical issue. In this book, leading scientists and engineers provide a comprehensive, state-of-the-art summary of characterization techniques for sol-gel materials and beyond. After an overview of sol-gel derived materials, *Advanced Characterization Techniques for Sol-Gel Materials* is organized into four main sections: 1) Structural characterization, 2) Surface and textural characterization, 3) Local probe techniques, and 4) Nanostructured Thin Films, which places special emphasis on an area that has resulted in key industrial applications of sol-gel materials in the last decade.

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