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Nicolas H. Voelcker

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Introduction

The conference Smart Materials IV was part of the SPIE International Symposium on Smart Materials, Nano- and Micro-Smart Systems, held at Adelaide University, Adelaide, Australia, on 11–13 December 2006.

This multidisciplinary conference covered a wide range of topical smart materials issues including nanomaterial-based sensors, composite nanomaterials, stimuli-responsive materials, piezoelectrics, organic thin films, laser-assisted nanofabrication, electroactive polymers, surface modification, bio-inspired materials, and many more.

Our thanks go to the symposium chairs, first and foremost Associate Professor Joe Shapter, but certainly also Professor Vijay Varadan and Professor Derek Abbott, for bringing their organizational talents to bear to this thoughtfully arranged symposium. Special thanks go to the international program committee for their support in reviewing papers. We thank SPIE's technical programs and proceedings staff for their skillful organizing and editing work. We appreciated greatly the co-sponsorship by the Defence Science and Technology Organisation, the Office of Naval Research, and the Air Force Office of Scientific Research, as well as the Australian Nanotechnology Network and the Complex Open Systems Research Network of the Australian Research Council.

All manuscripts in this conference were peer-reviewed by two or more members of the international program committee. The manuscripts were judged on the basis of originality, substance, technical quality, and significance. The review outcomes have been provided to the authors.

Finally, our appreciation must go to the authors for sharing their work and ideas. The enthusiasm and interaction shown during the conference period among authors and attendees has rewarded us greatly.

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