Preface

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Biographical notes: Ahmed Rhif holds a PhD in Electrical Engineering. He has several years of experience on scientific research, teaching and industrial projects. He has occupied the tasks of technical responsible chief, project manager and method engineer. His research interests include modelling, control systems and engineering as well as the management and the ISO Standard. He has published a book and several papers. He is currently serving as an editor and reviewer of several international journals. He is also the founder and general chair of some international conferences. He is the Founder and the Dean the International Publisher & Co (IPCO).

The International Conference on Modelling, Identification and Control (ICMIC) is an annual event which provides an excellent international forum for sharing knowledge and results in theory, methodology and applications of control, automation and electrical engineering. The conference proceedings are published in IEEE Xplore.

The conference topics include:

- control and instrumentation
- chaos and control applications
- discrete-time control systems
- sliding mode control
- AC-DC/DC-AC converters
- automated guided vehicles
- industrial electronics
- power electronic systems
- power systems
- photovoltaic systems
- wind turbines.

These topics satisfy the main objectives of the *International Journal of Modelling, Identification and Control* (*IJMIC*). The 7th International Conference on Modelling, Identification and Control (ICMIC 2015) was held in Sousse, Tunisia, on 16–18 December 2015. It received 368 papers from 18 countries, of which 160 papers were accepted coming from industry, academic and research institutions, which gives the acceptance rate of 43.47%. The conference program consisted of three plenary sessions (50 min), two keynote talks (40 min), 24 parallel oral sessions and one poster session.

This special issue, entitled Sliding Mode Control Theory and Application, is developed from extended versions of some selected papers of good quality. In this issue, 12 papers were invited and only six papers were accepted to be published.

On behalf of the organising committee, we would like to thank all the participants, with special thanks to sponsors of this conference, such as *IJMIC*, the International Publisher & Co (IPCO) and Inderscience. We hope that this issue is fruitful in terms of scientific exchange. Finally, the guest editor is grateful to Professor Quanmin Zhu, and the Inderscience personnel for the nice support, the authors for their contributions, and the reviewers for their efforts.