Preface

Dear Colleagues,

We are pleased to organize the Sixth International RILEM Symposium on SCC and the Fourth North-American Conference on the Design and Use of SCC, held on Sept 26-29, 2010 in Montreal, Quebec, Canada. The RILEM series of symposia started in 1999 in Stockholm, followed by Tokyo in 2001, Reykjavik in 2003, Chicago in 2005, and Ghent in 2007 with a steadily increasing number of papers, participants, and interest from across the globe. Due to the growing success of SCC, regional conferences have been organized, such as the North-American Conference on the Design and Use of SCC held in Chicago in 2002, 2005, and 2008; the International Symposium on Design, Performance and Use of SCC held in Changsa, China in 2005 and in Beijing, China in 2009; as well as the 2nd International Conference on Advances in Concrete Technology in the Middle East: SCC held in Abu Dhabi in 2009. It can be concluded that these regional Conferences and Symposia were highly successful and reached a far more international audience than anticipated.

Nearly 100 papers were submitted for these proceedings from which the International Scientific Committee selected 37 contributions covering a wide range of timely and original subjects from around the world. We would like to acknowledge the input of the International Scientific Committee for providing critical input to guarantee high quality of these peer-reviewed proceedings. We invite you to explore a wealth of information in the electronic proceedings. Topics covered in this conference include SCC Mix Design, Chemical Admixtures, Rheology and Workability, Production and Placement, Flow Modeling, Formwork Pressure, Hardened Properties, Bond Strength, Fiber-Reinforced SCC, Economics, Worker's Health, Environmental Benefits, and Case Studies. These papers reflect significant advances made in research, design, and implementation of SCC worldwide during the last years. Nearly 130 papers will be presented during the three parallel sessions in addition to other papers discussed during the poster session at the conference.

We would like to greatly acknowledge all the Authors for sharing their expertise and knowledge as well as our Sponsors for their generous support that is critical for the success of the conference.

Special thanks go to the Honorary Advisory Committee and the International Technical Committee for their advice and help in promoting the conference.
We would like to thank the Organizers of this conference: l'Université de Sherbrooke, RILEM, la fédération internationale du béton (fib), the Center for Advanced Cement Based Materials (ACBM), and le Centre de Recherche sur les Infrastructures en Béton (CRIB) as well as the Local Organizing Committee for their diligent work and commitment to bring this conference to great success!

The Editors,

Kamal Henri Khayat
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