Preface

The Aluminium Cast House Industry knows the importance of technology management to reduce operating costs, and make high quality products safely, with minimal environmental impact. The 12th Aluminium Cast House Technology Conference and Exhibition provides a unique venue for researchers, producers & suppliers to present and discuss the latest ideas on the science and technology of casting aluminium alloy semi-finished products.

On behalf of the Industry Committee I heartedly thank the CAST Cooperative Research Centre for hosting the conference. It is a substantial commitment in the form of financial underwriting and significant staff time.

The long running success of the conference and exhibition arises from the activities of the organising committee; Caryn Morgan (Conference Organiser), Sue Keay (Conference Secretariat), Gabor Horvath (Exhibition Manager), Michael Lee, Lawrence Amato (Treasurer), Arvind Prasad & John Taylor (Editors) and Barbara Rinderer (Deputy Chair). Their efforts are greatly appreciated.

All Australian smelters have hosted plant tours over the years as part of the conference and this time round Rio Tinto Alcan Bell Bay has kindly offered to show case their cast house.

Sponsorship and the exhibition are key elements in keeping registration costs low to allow as many operations personnel as possible to attend and ensure a high quality conference. Thank you to all the conference sponsors and exhibitors particularly new sponsors Hatch and Altek.

Authors and reviewers worked hard to prepare the high quality, peer reviewed papers in these proceedings. Editors Arvind Prasad, John Taylor, myself and the Technical Committee gratefully acknowledge the authors’ and reviewers’ efforts to prepare these proceedings which will provide an ongoing reference and resource for the industry.

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