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14th International Conference on Concrete Engineering and Technology

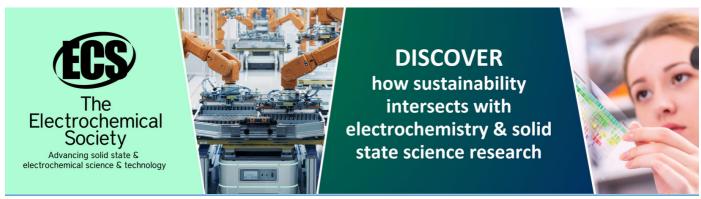
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Stefan Seelecke, Alper Erturk, Zoubeida Ounaies et al.



PREFACE

The 14th International Conference on Concrete Engineering and Technology (CONCET 2018) was organized by Centre for Innovative Construction Technology (CICT), Department of Civil Engineering, Faculty of Engineering, University of Malaya, Malaysia during 8-9 August 2018. The conference was co-organized in collaboration with The Institution of Engineers Malaysia (IEM) and Universiti Teknologi MARA (UiTM) and was held in University of Malaya, Kuala Lumpur, Malaysia.

The theme for CONCET 2018 namely 'Changing Perceptions of Concrete and Construction Towards Sustainability' was coined to reflect the changing trends in the construction industry. The conference was aimed at providing fresh perspectives on the latest developments in concrete engineering and technology towards sustainability. The conference provided an ideal platform to discuss on the recent trends of concrete related research, innovative ideas, methodologies, directions and other important issues pertaining to construction materials, special types of concretes, durability aspects and structural strengthening. Special emphasis was also given to green concrete, sustainable materials and structures. The main topics in the conference that include 10 specific areas as indicated below:

- Eco-friendly concrete
- Fibre reinforced concrete & High strength concrete
- Supplementary cementitious materials & Concrete for construction
- Special concrete
- Structural strengthening & Concrete modelling
- Green construction material & Building information
- Geopolymer
- Recycled concrete & Self compacting concrete
- Innovations in structural engineering
- Structural health monitoring & Seismic engineering

CONCET 2018 was well received and attended by presenters and participants from more than 20 countries all over the world. A total of 130 papers (including 4 keynote papers and 1 invited paper) were presented over 10 parallel sessions held across 2 days of the conference and these papers were accepted for publication in IOP: Materials Science and Engineering.

We would like to sincerely thank and acknowledge all the authors, presenters and participants whose unwavering support enabled CONCET 2018 a success. Our heartfelt thanks to Vice-Chancellor of University of Malaya for giving us the permission to organize the event and also to Dean, Faculty of Engineering for his sustained support; we are grateful to our coorganizers IEM and UiTM as well as the sponsors – API-MDC Group of Companies (Corporate Sponsor) and Seri Pajam Development Sdn Bhd (Platinum Sponsor) for their support towards successful organization of CONCET 2018.

Assoc. Professor Dr. U. Johnson Alengaram

Conference Chair CONCET 2018

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