

The 13th International Conference on Computer Science & Education (ICCSE 2018)

Colombo, Sri Lanka. August 8-11, 2018

IEEE Conf. #44241, IEEE Xplore # CFP1889F

Call for Papers

Brief History

Since 2006, the International Conference on Computer Science and Education (ICCSE) has been held in Xiamen, Wuhan, Kaifeng, Nanning, Hefei, Singapore, Melbourne, Sri Lanka, Vancouver, Cambridge, Nagoya and Houston for 12 years. Many internationally renowned experts and IEEE Fellows from the fields of *Computer Science* and *Educational Technology* have made brilliant speeches. The visitants and participants include many experts, academics, scientists, technicians and engineers from many well-known institutions of higher learning, researches and enterprises. These make the conference become a good platform for international academic communication and corporation. Many excellent papers will be recommended to relevant academic journals (EI index) and high level journals that corporate with us. We are engaged in building an academic corporation and communication platform for researchers and professionals that major in computer science, education and relative interdisciplinary subjects.

About ICCSE 2018

The 13th International Conference on Computer Science & Education (ICCSE 2018) will be held in Colombo, Sri Lanka on August 8-11, 2018. ICCSE 2018 is organized by the China Research Council of Computer Education in Colleges & Universities (CRC-CE), hosted by Sri Lanka Institute of Information Technology (SLIIT), and technical supported by the IEEE Sri Lanka Section. The proceedings of ICCSE (indexed by EI and ISTP) will be published by IEEE, and be included in IEEE Xplore digital library.

The conference will consist of technical presentations including refereed papers, special workshops about current conference topics and the latest hot point researches, invited sessions, research reports, poster sessions and special journal contributor session. In special journal contributor session, editors of some recommended EI-indexed international journals will interact with contributors about paper submissions in the next step.



ICCSE 2018

Keynotes of ICCSE 2018

We are very honoured to have keynotes from three *IEEE Fellows* in ICCSE 2018, The 13th International Conference on Computer Science & Education, August 8-11, 2018. Colombo, Sri Lanka.

Prof. Clarence de Silva



**Fellow of IEEE, ASME, ASI, CAE, & Royal Society of Canada;
Distinguished Visiting Fellow of Royal Academy of Engineering
The University of British Columbia, Canada**

B.Sc. Eng. (Hon 1, Ceylon); M.A.Sc. (Toronto); Ph.D. (MIT); Ph.D. (Cambridge); D.Eng. (Hon, Waterloo); D.Sc. (Hon, OUSL); Fellow of IEEE, ASME, ASI, CAE, & Royal Society of Canada; Distinguished Visiting Fellow of Royal Academy of Engineering
<http://mech.ubc.ca/clarence-de-silva>

Prof. Saman Halgamuge



Fellow of IEEE, Director, Research School of Engineering
Australian National University, Australia

He is a Fellow of the Institute of Electrical and Electronics Engineers and a member of Australian Research Council (ARC) College of Experts for Engineering, Information and Computing Sciences.

He was a Professor, Associate Professor and Reader and Senior Lecturer in the Department of Mechanical Engineering at The University of Melbourne (1997-2016): He contributed as the Founding Director (2013-16) of the elite PhD training centre "Melbourne India Postgraduate Program (MIPP)" of University of Melbourne, which won the "Internationalisation of Research" award of the University, Associate Dean (2013-15) and Assistant Dean (2008-13) in International Engagement in the School of Engineering of University of Melbourne.

<https://cecs.anu.edu.au/people/saman-halgamuge>

Prof. Qingfu Zhang



Fellow of IEEE; Changjiang Visiting Chair Professor at Xidian University;
Expert in one thousand talent program of China.

City University of Hong Kong, Hong Kong

Expert in one thousand talent program of China, 2015.

Highly cited researcher in computer science, 2016, 2017.

<http://www.cs.cityu.edu.hk/~qzhang>

Conference Theme

AI Empowering the Future Education

Scopes

Computer Science

- Hardware/Software infrastructure
- Machine learning/AI
- Computer human interaction
- Control and communication
- Natural language processing
- Deep learning
- Information security
- Cloud computing

Data Science

- Intelligent data mining
- Knowledge discovery
- Visualization of Big Data
- Social Media and Big Data analysis
- Techniques, models and algorithms
- Tools, software and system engineering
- Models and approaches of Data Science
- Big Data trends and challenges

Educational Technology

- Smart learning and education
- AI applications in education practice
- Tools and system for life-long learning
- Education and learning practice
- Massive learning online course
- Curricula and courseware design
- Innovation and reform in education based on new IT

e-Society/ smart-Society

- Culture protection by new IT/ICT
- Environment protection by new IT/ICT
- privacy, identity and trust in e-society
- e-Health/Smart health ware
- Smart traffic system
- Children and senior citizens in an e-society

Submission of Papers

Authors should submit the full version of their manuscripts online through the conference submission system at <https://easychair.org/conferences/?conf=iccse20181>.

All submissions must be written in English. The submitted manuscripts should contain sufficient details including key concepts and novel features of the work, and must be formatted according to IEEE's Two-Column Format for Conference Proceedings and not exceed 6 pages including all text, reference, appendices, and figures. Templates are available at the conference website <http://www.ieee-iccse.org/submit.html>. The submissions should be in PDF format which is IEEE PDF eXpress compliant. To ensure submissions are suitable for ICCSE, authors are strongly recommended to review the papers published by previous ICCSEs previously.

The program committee will recommend some high- quality papers to special Issue for *Mechatronic Systems and Control (formerly Control and Intelligent Systems)*, published by ACTA press, and indexed by EI. The international journal will organize a second round blind review.

Important Dates

Submission Deadline: **April 15, 2018**

Decision Notification: **May 15, 2018**

Final Versions and Author Registration: **June 1, 2018**

Conference Dates: **August 8-11, 2018**

Contact Us

Website: www.ieee-iccse.org

E-mail: iccse18@outlook.com



ICCSE 2018