

EDITORIAL - PREFACE



The second International Symposium on Big Data and Cloud Computing Challenges (ISBCC '15) was held in VIT University, Chennai, India during March 12-13, 2015. It continued the theme of challenges in two emerging but related domains big data and cloud computing initiated by ISBCC 2014 symposium. As before the symposium brought some 300 participants to VIT Chennai to discuss the research issues and their solutions on the symposium theme. As usual, workshops co-located with the symposium were held on specific research in big data, cloud and computing Challenges. The workshops gave an opportunity to the participants to learn and discuss the practical aspects of big data and cloud computing with industrial experts. The importance of the workshop being increasingly recognized in the academic and industry circles was evident from the fact that the number participants and industry experts participating in the workshop had just doubled.

The conference proceedings have been published by Elsevier in this volume of Procedia of Computer Science. The Program Committee invited seven distinguished researchers to deliver their keynote talks. On day one the conference was inaugurated by Dr. Syed Akhter Hossai from Daffodil International University, Bangladesh. After the inaugural address, the first key note speaker was Mr. Mohan Kumar, CEO, Trendwise Analytics, Bangalore. His talk was entitled "Introduction to IOT and Big Data". The second keynote address was by Dr. Imad Fakhri Al-Shaikhli, Head of Research, KICT, International Islamic University, Malaysia on "Computer Science and Bio-Signals". The next key note address was by Dr. Raghavendra K, Scientis 'SF', Advanced Data Processing Research Institute (ADRIN), Dept. of Space, Govt. of India. His talk was on "Big Data Clouds – Convergence of Cloud Computing and Big Data Technologies". This was followed by the key note address on "Formalizing the cloud" by Dr. Madhavan Mukund, Mathematical Institute, Chennai.

On the second day, the first speaker was Dr. Syed Akhter Hossain from Daffodil International University, Bangladesh. His talk entitled "Cloud Computing in HEI: Prospects and Challenges". The second speaker was Mr. Surya Putchala, CEO, ZettaMine Technologies. He gave a talk on "Challenges in Big Data". The next talk was by Mr. Ajay Ohri, Founder, decisionstats.com. His talk was on "Fear uncertainty and doubt in the age of the Cloud". The seventh key note address was by Mr. Patrick Martinet, CTO, Cloud Matters. His talk was entitled "Future of Man and Machine Merger". The day ended with the valedictory address by Mr. Padmanabhan K, Vice President, Tata Consultancy Services.

We received more than 250 papers. Each paper was assigned to three referees. In the first stage of the review process, the submitted papers were read and evaluated by the PC members and then in the second stage, the papers were scrutinized during an extensive discussion. Finally, the Program Committee chose 100 papers (both regular and short) to be included in the conference program. The authors were asked to submit a revised final version of their paper based on comments from the reviewers. The revised papers were not subject to editorial review and the authors bear full responsibility for their contents.

March 16, 2015

Dr. Vijayakumar V

Dr. Neelananarayanan V

School of Computing Science and Engineering,  
VIT University,  
Chennai, India.