

Computer-Aided Design and Computer Graphics

(CAD/Graphics 2015)

<http://cadcg2015.nwpu.edu.cn>

Call for Papers (1st round)

Welcome to participate in CAD/Graphics. The 14th International Conference on Computer-Aided Design and Computer Graphics (CAD/Graphics 2015) is co-organized by the Northwestern Polytechnical University, and Xi'an University of Posts and Telecommunications. The conference will be held in Xi'an, China on August 26-28, 2015.

CAD/Graphics is affiliated with the Chinese Computer Federation (CCF) and is a biennial international conference. It provides an ideal forum for international researchers and developers to exchange new ideas on computer-aided design and computer graphics, electronic design automation and visualization to explore new ideas and trends.

Publications

All regular full papers accepted to the conference will be published in a special section of the Elsevier journal Computers and Graphics (both SCI and EI indexed), before the conference. Other papers accepted will be published by IEEE CS Press (EI indexed) and included in the IEEE Digital Library. After the conference is complete, a number of accepted papers in the area of electronic design automation will be invited to submit to a special issue of the VLSI Journal Integration published by Elsevier (both SCI and EI indexed).

Important Dates

Full paper submission deadline: April 12, 2015
First round review notifications: May 18, 2015
Revised submissions deadline: June 15, 2015

Notification of acceptance: July 5, 2015
Submission of final versions: July 15, 2015
Conference dates: August 26-28, 2015.

Topics

The conference solicits original submissions on theory and applications of computer aided design, computer graphics, Electronic Design Automation and related disciplines. The topics include, but are not limited to:

- ✧ Geometric, Solid and Heterogeneous Modeling
- ✧ Rendering Techniques
- ✧ Computer Animation
- ✧ Image and Video Processing
- ✧ Computer Graphics Systems and Hardware
- ✧ Computer Graphics in Arts and Education
- ✧ Computer Theory and Engineering
- ✧ Scientific Computing and Visualization
- ✧ Information Visualization
- ✧ Image based Modeling and Rendering
- ✧ Computer Vision
- ✧ CAD Database, Data Exchange and Standards
- ✧ Virtual Reality and Augmented Reality
- ✧ Computer Human Interface
- ✧ Applications of Computational Geometry
- ✧ Integration of CAD/CAE/CAM
- ✧ 3D Printing
- ✧ Design Computing and AI in Design
- ✧ Computer Aided IC Design
- ✧ Reverse Engineering Process Planning and Assembly Design
- ✧ Computational Photography
- ✧ EDA: System-level Design
- ✧ EDA: Synthesis, Verification and Physical Design
- ✧ EDA: CAD for Manufacturability, Reliability and Test
- ✧ EDA: CAD for Circuits, Devices and Interconnect
- ✧ EDA: Bio-CAD and Nano-CAD.

Conference Organization

Conference Co-Chairs:

Joaquim A Jorge (IST/UTL, Portugal)
Dinghua Zhang (Northwestern Polytechnical University, China)
Hujun Bao (Zhejiang University, China)

Program Co-Chairs:

Hongbo Fu (City University of Hong Kong, Hong Kong)
Xin Li (CMU, USA)
Lizhuang Ma (ShanghaiJiaotong University, China)
Jun-Hai Yong (Tsinghua University, China)

Secretary General of PC:

Shusheng Zhang (Northwestern Polytechnical University, China)

Organization Co-Chairs:

Shusheng Zhang (Northwestern Polytechnical University, China)
Jungang Han (Xi'an University of Posts and Telecommunications, China)

Xi'an: Capital of 13 Chinese dynasties

Terra Cotta Warriors and Horses: the eighth major miracle of the world

The Bell Tower

Xi'an: Starting point of Silk-Road

The Big Wild Goose Pagoda

The largest and most intact Ming Dynasty castle in the world