

2017 2nd IEEE International Conference on Computational Intelligence and Applications

ICCIA 2017

Sep. 8-11, 2017

North China University of Technology

<http://gjilc.ncut.edu.cn/index/English.htm>

Address: No. 5 Jinyuanzhuang Road, Shijingshan District, Beijing, P.R. China 100144

地址：北京市石景山区晋元庄路 5 号北方工业大学

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Welcome Letter

Dear Participants,

Welcome to ICCIA 2017 in Beijing!

We are confident that over the four days you will get the theoretical grounding, practical knowledge, and personal contacts that will help you build a long-term, profitable and sustainable communication among researchers and practitioners in a wide variety of scientific areas with a common interest on computational intelligence and applications.

We wish to thank our outstanding speakers, Prof. Robert Kozma, Prof. Manuel Núñez, Prof. William W. Song, Prof. Lipo Wang, Prof. Ruhul Sarker, Prof. Rafał Scherer, Prof. Li Zhang and other distinguished professors for sharing their deep insights on ICCIA 2017.

Many thanks is expressed to reviewers for their excellent job to maintain the academic quality. Special thanks is expressed to North China University of Technology, who had kindly given us the conference room support and on-site support.

Hope you enjoy the conference, the food, the hospitality, and the beautiful and charming environment of Beijing!

ICCIA 2017 Organizing Committees

Agenda at a Glance

Sep. 8, 2017 Friday

10:00-17:00 Registration Lobby (国际教育中心大厅)



Registration Guide:

Arrive at the Conference Venue→Inform the conference staff of your paper ID→Sign your name on the Participants List→Check your conference materials.

Checklist:

1 receipt, 1 name card, 1 printed conference abstract, 1 lunch coupon, 1 dinner coupon, 1 CD (conference proceedings), 1 computer bag, 1 USB.

Sep. 9, 2017 Saturday

Morning-(Venue: Auditorium)

9:00-9:05 Opening Remark

9:05-9:45 Prof. Robert Kozma, University of Massachusetts Amherst, USA

Title: Phase Transitions in Brains: The Cognitive "Aha" Moment and Applications in Engineering Systems

9:45-10:25 Prof. Manuel Núñez, Complutense University of Madrid, Spain

Title: An overview of the use of formal methods in IMDs

10:25-11:00 Group Photo & Coffee Break

11:00-11:40 Prof. William W. Song, Dalarna University, Sweden

Title: Granularity and Semantics – Macro versus Micro Data Analysis

11:40-13:00 Lunch (restaurant)

Sep. 10, 2017 Sunday

Morning-(Venue: Auditorium)

9:00-9:40 Prof. Lipo Wang, Nanyang Technological University, Singapore

Title: Natural Computation for Optimization

9:40-10:20 Prof. Ruhul Sarker, University of New South Wales, Australia

Title: Adaptive Configurations of Evolutionary Algorithms

10:20-10:40 Coffee Break

10:40-11:20 Prof. Rafał Scherer, Institute of Computational Intelligence, Poland

Title: Convolutional Neural Networks – From Images to Other Types of Data

11:20-11:50 Prof. Li Zhang, University of Cincinnati, USA

Title: Model of DNA Breakpoints in Cancer Depended on Genomic DNA Sequence Features and Replication Timing

11:50-13:00 Lunch (restaurant)

Sep. 9, 2017 Saturday

Afternoon

13:00-15:30 Session 1—(Auditorium)
Modeling Method and Calculation—10 presentations

13:00-15:30 Session 2—(meeting room at 2F)
Algorithms and Soft Computing—10 presentations

13:00-15:30 Session 3—(meeting room at 3F)
Computer Theory and Applications—10 presentations

15:30-15:50 Coffee Break—Foyer

15:50-18:20 Session 4—(Auditorium)
Computer Information Engineering and Image Processing—10 presentations

15:50-18:20 Session 5—(meeting room at 2F)
Bioinformatics and Computational Biology—10 presentations

15:50-18:20 Session 6—(meeting room at 3F)
Intelligent System Design and Development—10 presentations

18:20-20:00 Dinner—(restaurant)

9:00-18:00 Poster Session—(lobby)

Sep. 10, 2017 Sunday

Afternoon

13:00- 15:45 Session 7—(Auditorium)
Image Processing—11 presentations

13:00- 15:45 Session 8—(meeting room at 2F)
Electronic Technology and Electrical Control System—11 presentations

13:00- 15:30 Session 9—(meeting room at 3F)
Algorithms, Modeling and Soft Computing—10 presentations

15:45-16:00 Coffee Break—Foyer

16:00-18:30 Session 10—(Auditorium)
Data Theory and Analysis—10 presentations

16:00-18:30 Session 11—(meeting room at 2F)
System Maintenance and Security—10 presentations

9:00-18:00 Poster Session—(lobby)

Sep. 11, 2017 Monday

9:00-18:00 One-day Tour in Beijing

Note:

Onsite payment of one-day tour is not acceptable.