Conference Abstract

2018 IEEE International Conference on Computer and Communication Engineering Technology

2018 年 IEEE 计算机与通信工程技术国际会议

(CCET 2018)

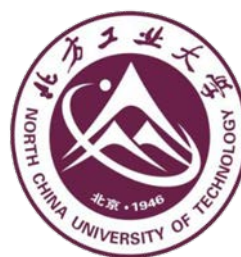**2018 International Conference on Artificial Intelligence and Pattern Recognition**

2018 年人工智能和模式识别国际会议

(AIPR 2018)

August 18-20, 2018, Beijing

Sponsored by: **Co-Sponsored by：**

WWW.IACT.NET
International Academy of Computing Technology

Published by：

Opening Remarks:

Welcome to North China University of Technology!

It is my great pleasure and privilege to welcome all of you to the 2018 IEEE International Conference on Computer and Communication Engineering Technology (CCET 2018) and 2018 International Conference on Artificial Intelligence and Pattern Recognition (AIPR 2018) here in Beijing. This unique gathering aims to bring together international academicians, scientists and industrialists for knowledge sharing, exchange of ideas, collaborations and presentation of their research outcomes in computer and communication engineering technology fields.

It is high time that such an event took place to highlight the remarkable contribution which Computer and Communication Engineering Technology make in so many areas of our lives.

I wish to take this opportunity to express our heartfelt appreciation to other Keynote speakers:
Prof. Dr. Xu Huang, form University of Canberra, Australia, Prof. Yonghui Huang, from Chinese Academy of Sciences, China and Assoc. Prof. Jixin Ma, from University of Greenwich, UK.

We are very grateful to the North China University of Technology for the tremendous support they have provided as host and to the conference organizing committee. And we are fortunate to have the support of all the attendees, for coming to NCUT during your busy schedule to share your knowledge with the rest of us. I hope that everyone would take the results of this conference to develop our future works and make practical contributions.

I am sure you will have fruitful and rewarding exchanges in the next few days. I wish you every success with this important conference and I look forward to learning about the outcome. I warmly welcome you again.

Yours Sincerely

CCET 2018 & AIPR 2018 Organizing Committee

Instructions for Presentation

Oral Presentations

• Time**:** a maximum of 15 minutes in total, including speaking time and discussion. Please make sure your presentation is well timed. Please keep in mind that the program is full and that the speaker after you would like their allocated time available to them.

• You can use CD or USB flash drive (memory stick), make sure you scanned viruses in your own computer. Each speaker is required to meet her / his session chair in the corresponding session rooms 10 minutes before the session starts and copy the slide file (PPT or PDF) to the computer.

• It is suggested that you email a copy of your presentation to your personal in box as a backup. If for some reason the files can't be accessed from your flash drive, you will be able to download them to the computer from your email.

• Please note that each session room will be equipped with a LCD projector, screen, point device, microphone, and a laptop with general presentation software such as Microsoft Power Point and Adobe Reader. Please make sure that your files are compatible and readable with our operation system by using commonly used fronts and symbols. If you plan to use your own computer, please try the connection and make sure it works before your presentation.

• Movies: If your Power Point files contain movies please make sure that they are well formatted and connected to the main files.

Poster Presentations

• Maximum poster size is 36 inches wide by 48 inches high (3ft.x4ft.)

• Posters are required to be condensed and attractive. The characters should be large enough so that they are visible from 1 meter apart.

• Please note that during your poster session, the author should stay by your poster paper to explain and discuss your paper with visiting delegates.

Dress code

• Please wear formal clothes or national characteristics of clothing

Overall Schedule/日程安排

18th Aug. 2018 (Saturday)

Location: International Conference Centre (国际教育中心)

10:00-17:00	Registration & Conference Materials Collection 注册/领取会议资料

19th Aug. 2018 (Sunday)

Location: Cultural Hall in the First floor of LiXue Building

（文化会堂，励学楼一层）

8:30-8:50	**Registration & Sign in**
8:50-9:00	**Opening Remarks** Prof. Li Ma, Dean of college of computer science and technology, North China University of Technology, China
9:00-9:50	**1st Keynote Speaker:** Prof. Dr. Xu Huang, University of Canberra, Australia **Speech Title: Neuroimaging Conjunction with Machine Learning for Applications of fNIRS for Human Pain**
9:50-10:20	**Coffee Break & Group Photo**
10:20-11:10	**2nd Keynote Speaker:** Prof. Yonghui Huang, National Space Science Center, Chinese Academy of Sciences, China **Speech Title: Space Avionics Technology**
11:10-12:00	**3rd Keynote Speaker:** Assoc. Prof. Jixin Ma, University of Greenwich, UK **Speech Title: A Framework for Representing Temporal Patterns**
12:00-13:00	**Lunch**

Overall Schedule/日程安排

19th Aug. 2018 (Sunday)

Location: The second floor, LiXue Building（励学楼二层）

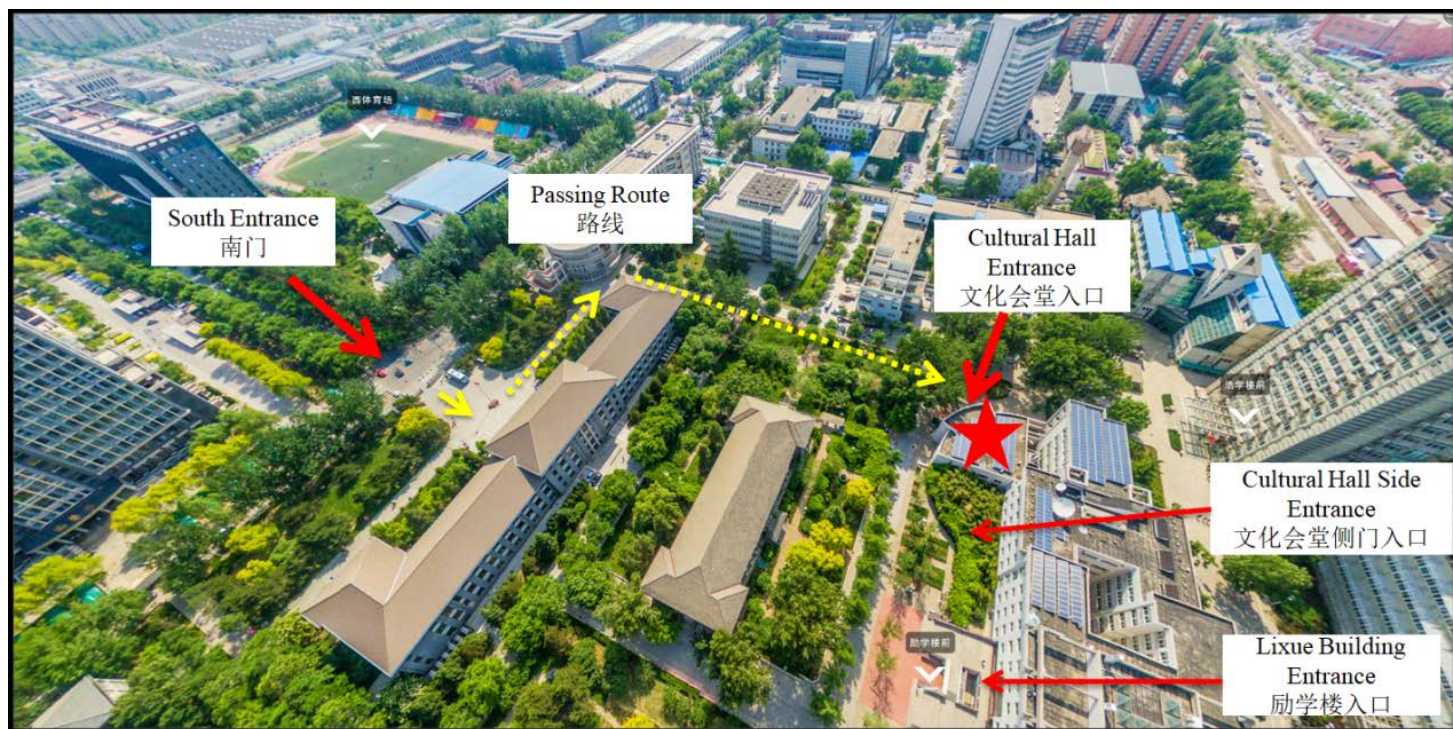|	
13:30-15:30	**Session 1 (Room 214)** Image Processing Technology and Methods
13:30-15:30	**Session 2 (Room 218)** Image Processing and Application
13:30-15:30	**Session 3 (Room 220)** Information Theory and Signal Processing
13:30-15:30	**Session 4 (Room 222)** Communication Principle and Design
15:30-16:00	**Coffee Break**
16:00-18:00	**Session 5 (Room 214)** Communication Network and Information Security
16:00-18:00	**Session 6 (Room 218)** Computer Science and Application
16:00-18:00	**Session 7 (Room 220)** Electronics and Communication Engineering
16:00-18:00	**Session 8 (Room 222)** Modern Electronic Technology and Application
18:00-19:00	**Dinner**

20th Aug. 2018 (Monday)

9:00-17:00	Academic Visit or City Tour 学术考察或市区旅游

Location Map

励学楼路线图

The following picture shows the route to the location.

Opening and Keynote speeches are held in Cultural Hall. And parallel sessions are held in the second floor of Lixue Building./上午开幕式及专家报告在文化会堂（励学楼一层）举行，下午各分会在励学楼二层举行。

First Floor Entrance of Lixue Building/励学楼一层大门

Parallel Session rooms are located in the second floor of Lixue Building. The exterior stair showed in the picture can led you straight to the second floor.

分会场位于励学楼二层，从一层的外部台阶可以直接通往二层。