2017
IEEE International Conference on Image Processing

Conference at a Glance

Sept. 17-20, 2017

CNCC, Beijing, China
Sunday, Sept. 17, 2017
09:00 – 12:00  Tutorials (T1, T2, T3)
13:30 – 16:30  Tutorials (T4, T5, T6, T7)
18:30 – 20:30  Welcome Reception

Monday, Sept. 18, 2017
08:00 - 09:00  Opening Ceremony
09:00 - 10:00  Plenary: PLEN-1: Michael Elad
10:00 - 10:30  Coffee Break
10:30 - 12:30  Lecture Sessions, Special Sessions
10:30 - 12:00  Poster Sessions, Demo Session
12:30 - 14:00  Industry Workshop (Netflix), Lunch Time,
14:00 - 16:00  Lecture Sessions, Special Sessions
14:30 - 16:00  Poster Sessions
14:00 - 18:30  Challenge Session I, Challenge Session II
16:00 - 16:30  Coffee Break
16:30 - 18:10  Lecture Sessions
16:30 - 18:00  Poster Sessions

Tuesday Sept. 19, 2017
09:00 - 10:00  Plenary: PLEN-2: Song-Chun Zhu
10:00 - 10:30  Coffee Break
10:30 - 12:30  Lecture Sessions, Special Sessions, Industry Workshop (MathWorks)
10:30 - 12:00  Poster Sessions, Doctoral Student Symposium
12:30 - 14:00  Industry Workshop (Wolfram), Lunch Time
14:00 - 16:00  Lecture Sessions, Special Sessions
14:00 - 15:30  Industry Keynotes
14:30 - 16:00  Poster Sessions
16:00 - 16:30  Coffee Breaks
16:30 - 18:10  Lecture Sessions, Industry Panels
16:30 - 18:00  Poster Sessions
18:30 - 21:30  Awards Banquet

Wednesday, Sept. 20, 2017
09:00 - 10:00  Plenary: PLEN-3: Kari Pulli
10:00 - 10:30  Coffee Break
10:30 - 12:30  Lecture Sessions, Special Sessions
10:30 - 12:00  Poster Sessions, Challenge Session III, Challenge Session IV
12:30 - 14:00  Industry Workshop (Google), Lunch Time
14:00 - 16:00  Lecture Sessions, Special Sessions
14:30 - 16:00  Poster Sessions
16:00 - 16:30  Coffee Break
16:30 - 18:10  Lecture Sessions
16:30 - 18:00  Poster Sessions
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
<th>Title</th>
<th>Abstract</th>
<th>Location</th>
<th>Notes</th>
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<tbody>
<tr>
<td>09:00</td>
<td></td>
<td></td>
<td>Opening Ceremony (Hall D)</td>
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<td>09:30</td>
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<td>Market Call (Hall B)</td>
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<td>10:00</td>
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<td>Call for Papers (Hall C)</td>
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<td>10:30</td>
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<td>Poster Session (Hall D)</td>
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<td>Lunch</td>
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<td>12:00</td>
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<td>Industry Workshop (Hall D): Video Processing at Scale (Hall B)</td>
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<td>13:30</td>
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<td>Poster Session (Hall D)</td>
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<td>15:00</td>
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<td>Grand Challenge Workshop (Hall B): Big Data Video Analysis</td>
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<tr>
<td>17:00</td>
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<td>Grand Challenge Workshop (Hall B): Video Compression</td>
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SCHEDULE AT A GLANCE

[Image of the schedule with detailed sessions and timings]
ICIP2017 Registration and Reception Centre is located in the **Main Lobby on CNCC level one in the delegates accesses C1-C3**. If you have any questions about the conference, stop by the registration centre or e-mail: icip2017@zhculture.cn.

**Registration and Reception Centre Hours of Operation:**
- Saturday, September 16: 14:00-18:00
- Sunday, September 17: 07:00-19:00
- Monday, September 18: 07:00-18:00
- Tuesday, September 19: 07:30-18:00
- Wednesday, September 20: 07:30-18:00

**Meeting Lunch for Registrants**
- **Date:** Sept.17-20, 2017
- **Place:** Ballroom A, 1F CNCC
- **Time:** 12:00pm-13:30pm

Note: Every registrant is provided with a lunch ticket which can be used for either buffet in Ballroom A or lunchbox just outside Ballroom A
Lecture Presentation Guidelines

Each paper is allocated 20 minutes lecture sessions, including time for questions, session chair introductions, and any set up that is not completed in advance. Be prepared to begin your presentation as soon as the prior presenter has finished; it is important to keep on schedule. You should meet with your session chair during the break immediately prior to your session. Meet inside or near the door of the presentation room. If the room is not being used, this will give you a chance to test any presentation equipment you will be using. Copying your files to the computer before the session will also save you some time during your presentation. Note: The presentation computer has ONLY a USB port. There is no CD-ROM or other disc drive.

Poster Presentation Guidelines

Each poster session is 90 minutes long. You must remain present for the entire duration of your poster session. Please arrive at the poster area about 15 minutes before your session begins and report to the session chairs.

All poster should remain on the boards for the entire session time. Everyone should mount his/her poster on the boards before the session begins. Please take down your poster following the session.

For each paper accepted within a poster session, a poster board space is reserved with dimensions 1m tall and 2m wide. Poster may NOT exceed 1m height or 2m width.

The boards will be arranged in rows. Each reserved paper space will be assigned an ID label. The ID label is also the ID label on the program booklet for your paper.
EXHIBITORS AND EXHIBITION HOURS

Exhibition Location
All exhibitions are in the Parkview Foyer on the 3F of CNCC

Exhibition Hours
Monday, September 18.................08:40 - 18:00
Tuesday, September 19..............08:40 - 18:00
Wednesday, September 20.........08:40 - 18:00

Exhibitors

<table>
<thead>
<tr>
<th>BoothNumber</th>
<th>Exhibitor</th>
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<tbody>
<tr>
<td>01</td>
<td>Mathworks</td>
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<td>02</td>
<td>Speechocean</td>
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<tr>
<td>03</td>
<td>ZTE</td>
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<tr>
<td>04</td>
<td>Springer</td>
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<td>05</td>
<td>Sinovoice</td>
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<td>06</td>
<td>Universal Wisdom</td>
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<td>07</td>
<td>Haikang</td>
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<td>08</td>
<td>Oriental Cable Network</td>
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<tr>
<td>09</td>
<td>Skyworth</td>
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<td>10</td>
<td>SPS</td>
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<td>11</td>
<td>ICIP2018</td>
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Springer  Skyworth

OCA  NGB  CAN

Speechocean
PATRONS

Sponsors

Platinum Sponsors

Google

Gold Sponsors

SinoVoice

Silver Sponsors

NETFLIX, MITSUBISHI ELECTRIC, Microsoft, HUAWEI, Rockchip, ZTE 中兴, MathWorks, HIKVISION

Bronze Sponsors

hulu, CISCO
All ICIP2017 conference programs are located in CNCC Conference Area, delegates accesses are C1-C3. Tutorials and some industry programs are held in the rooms of north suite on the 2nd floor. Most of the programs, all posters and exhibitions are in the rooms of north suite on the 3rd floor. Opening ceremony and keynotes speeches are in plenary hall on the 4th floor.

CNCC 1st Floor: Registration and Reception Center, Lunches, Welcome Reception and Banquet

CNCC 2nd Floor North Suite: for several industry programs and tutorials

CNCC 3rd Floor North Suite: for most of the programs, all posters and exhibitions
CNCC LAYOUT

CNCC 4th Floor Plenary Hall: for opening ceremony and all keynote speeches
Conference Venue

ICIP 2017 will take place at China National Convention Center (CNCC) Conference Area, the premier conference venue in China.

China National Convention Center (CNCC)

Introduction

CNCC is China's largest and newest international conference center with primary location and completed facilities. It is located in the heart of the Olympic Green adjacent to the National Stadium (Bird Nest), the National Aquatics Center (Water Cube) and the National Indoor Stadium.

Sitting in the center of the Olympic commercial circle between Beijing's fourth and fifth ring roads, CNCC boasts an enviable location. It's only 30 minutes drive to the airport and the subway station is connected with CNCC's basement which enables people to quickly go to the city center, the airport, the Beijing Railway station, the central business district, China's silicon valley Zhongguancun, and many tourist attractions such as Tian'anmen Square, Forbidden City or Summer Palace. It takes only one hour from CNCC to the renowned Great Wall and Ming Tombs.

CNCC complex consists of the Convention Center, CNCC Grand Hotel, InterContinental Hotel and two office buildings. The Center itself is 398m long, 148m wide, 42m high and its has eight floors and two more in the basement with a shopping mall inside. CNCC is China's most versatile international conference venue ideal for congresses, meetings, exhibitions, banquets, product launches, corporate annual dinners, etc. CNCC's center-piece is its over 70 meeting rooms of various sizes equipped with the most advanced AV facilities.

Language

The official language is Mandarin and most people also use their local dialect. The standard spoken Chinese is Putonghua. English can be understood by many young people and is used in hotels and big restaurants. In all tourist hotels, staff can speak in English, Japanese or other languages. They can also write down addresses or instructions in Chinese for taxi drivers or others. In addition, roads in major cities are signposted in Pinyin, the official Romanization system of the Chinese characters, which makes it quite easy to get around with the help of a map.

Address

Building 1, No.8 Precincts, Beichen West Road, Chaoyang District, Beijing 100105, China

Website

Transportation to CNCC

From Beijing Capital International Airport 62km
By taxi: estimated 80 RMB, 40 minutes.

By subway: estimated 27 RMB, 1 hour, take airport express to Sanyuanqiao station, then transfer to subway line 10 to Beitucheng station and then take line 8 to Olympic Green station, exit from E (sw) and walk about 200m to the venue.

From Beijing South Railway Station which mainly serves high-speed trains 23km
By taxi: estimated 70 RMB, 50 minutes.

By subway: 2 RMB, 1 hour, take line 4 to Xuanwumen Station, then transfer to line 2 to Guloudajie Station, take line 8 to Olympic Green station, exit from E (sw) and walk about 200m to the venue.

From the CNCC grand hotel and the InterContinental Beijing Beichen 150m
The two hotels are very close (2 minutes by walk) to CNCC, and there are short walkways to the meeting venue.

The following mini cards might be useful when encountering problems with taxi drivers in language exchanges.

您好，
请送我去国家会议中心，谢谢！
北京市朝阳区天辰东路 7 号，邮编：100105

Hi, Sir/Madam, please take me to the China National Convention Center (CNCC) Thank you.
Address: No.7 Tianchen East Road, Chaoyang District, Beijing 100105 China
Tel: +86 10 8437 3300

Currency Information

Renminbi (RMB) is the only currency used in China. RMB is also called Chinese Yuan. The unit of Renminbi is yuan and with smaller denominations called jiao and fen. The conversion among the three is: 1 yuan = 10 jiao = 100 fen. Paper notes are issued in denominations of 1, 2, 5, 10, 50 and 100 yuan; 1, 2 and 5 jiao; and 1, 2 and 5 fen. Coins are issued in denominations of 1 yuan; 5 jiao; and 1, 2 and 5 fen.

Money exchanges by cash or traveler’s cheques can be made at the branches of Bank of China, hotels and tourist stores. Please remember to keep the receipt to exchange back to foreign currency when leaving China.

Credit Cards

Visa, MasterCard and American Express are most commonly used in China. Cards can be used in most middle to top-range hotels, Friendship and department stores, but they cannot be used to finance your transportation costs.

Time

GMT + 8 hours (the whole of China is set to Beijing time)

Electricity

Electricity is 220 Volts, 50 AC, plugs can be three-pronged flat pins, three-pronged round, two flat pins or two narrow round pins. Some examples are as follows:
## Facts & Figures

<table>
<thead>
<tr>
<th>Category</th>
<th>Number</th>
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</thead>
<tbody>
<tr>
<td>Schools</td>
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</tr>
<tr>
<td>Departments</td>
<td>57</td>
</tr>
<tr>
<td>Faculty</td>
<td>3414</td>
</tr>
<tr>
<td>Total Student Number</td>
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</tr>
<tr>
<td>Undergraduates</td>
<td>15570</td>
</tr>
<tr>
<td>Masters Students</td>
<td>19311</td>
</tr>
<tr>
<td>Ph.D. Candidates</td>
<td>12320</td>
</tr>
<tr>
<td>International Students</td>
<td>3472</td>
</tr>
</tbody>
</table>

## Reputation & Rankings

1st
US News and World Report 2017
Global University for Engineering

3rd
QS Graduate Employability Ranking 2017

25th
QS World University Rankings 2017-2018

14th
Times Higher Education World Reputation Rankings 2017

35th
Times Higher Education World University Rankings 2017

Tsinghua was elected as Presidency of Asian Universities Alliance in 2017