

CONFERENCE PROGRAM

The 10th International Conference on Digital Image Processing

第十届数字图像处理国际会议

(ICDIP 2018)

East China Normal University, Shanghai, China | May 11-14, 2018
中国•上海•华东师范大学|2018年5月11日-14日

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Founded in Shanghai in October 1951, East China Normal University (ECNU) is one of the most prestigious universities in China and is sponsored by the national programs “Project 211” and “Project 985”. With a total area of over 207 hectares, ECNU has long been reputed as a Garden University for its beautiful campus scenes.

ECNU boasts two State Key Labs, one National Engineering Research Center, one National Field Observation and Research Station, seven Key Labs or Engineering Centers, six Key Research Bases for Humanities and Social Sciences and one Base for Strategic Studies of the Ministry of Education, and one International Cooperation Laboratory of the Ministry of Education. It also has 10 Key Labs or Engineering Centers, seven Social Sciences Innovation Bases and Studios, and two university think-tanks for Shanghai Municipality.

ECNU attaches great importance to the internationalization of its development and enjoys a wide influence and an excellent reputation around the world. The university has established exchange and cooperative partnerships with more than 200 internationally renowned universities and academic institutions. ECNU is one of the Chinese universities that first began establishing Confucius Institutes with foreign universities and institutions. So far, the university has set up 9 Confucius Institutes around the world.

Accommodation

The conference organizer will not provide accommodation. Please make your own reservation in advance.

For guest room reservation in the university, please contact service@huashen-ecnu.com or 021-62233518.

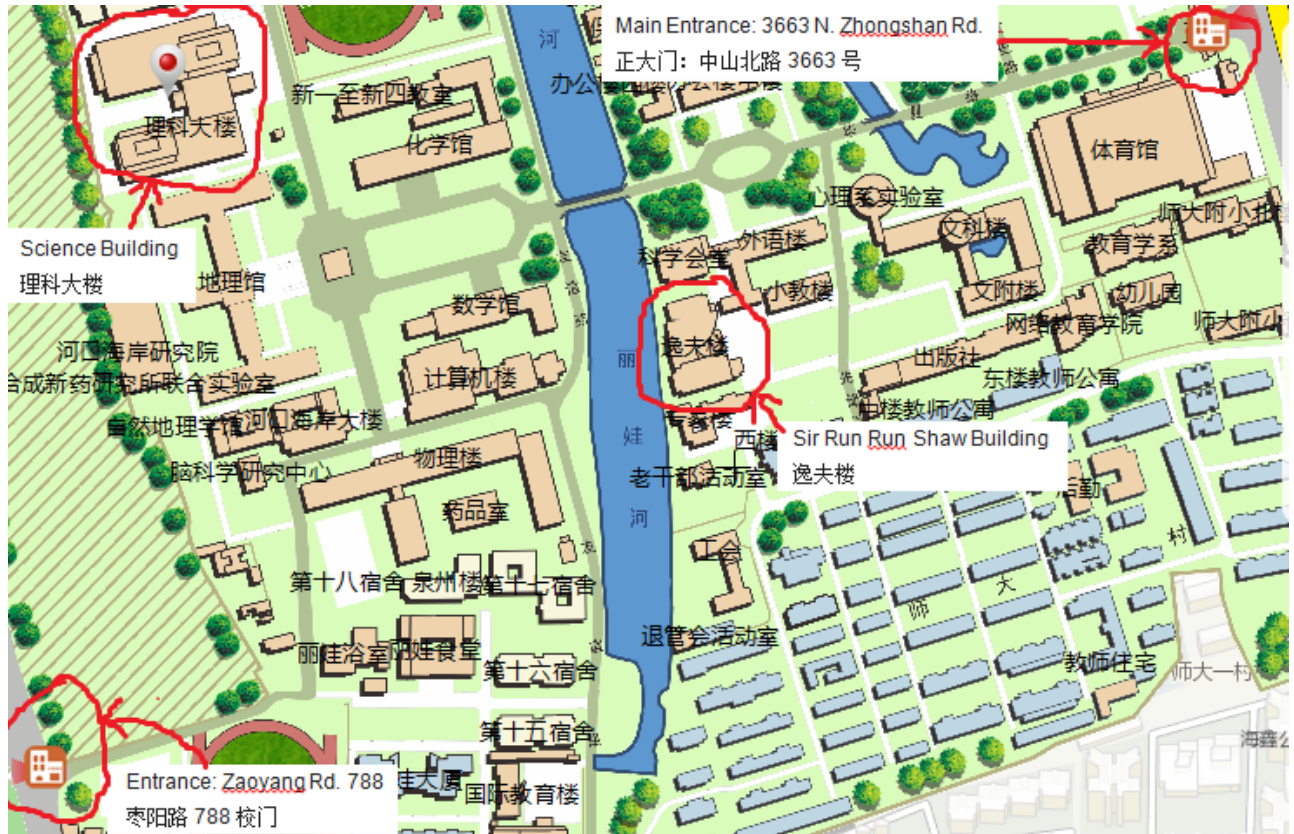
You can also book in other hotels around the university via Booking or Agoda.

会议不提供住宿，请参会者自行提前预定。

学校内住宿请联系 service@huashen-ecnu.com 或拨打 021-62233518，也可通过 Booking 或 Agoda 预定学校周边酒店。


Venue

Venue Map 会场地图



Agenda

< May 11, 2018 (Friday) >

 Sir Run Run Shaw Building Auditorium (1st Floor) 逸夫楼报告厅（一楼）	
10:00-17:00	Registration & Material Collection

< May 12, 2018 (Saturday) > Morning

Opening Remarks & Keynote Speeches & Plenary Speech

Chaired by

Prof. Xudong Jiang, Nanyang Technological University, Singapore

 Sir Run Run Shaw Building Auditorium (1st Floor) 逸夫楼报告厅（一楼）	
09:00-09:10	<p>Opening Remarks on behalf of</p> <p>the host East China Normal University, Shanghai, China</p> <p>Dr. Junhao Chu, Academician of Chinese Academy of Sciences</p> <p>East China Normal University, China</p>
09:10-09:20	<p>Opening Remarks on behalf of</p> <p>Conference Chairs</p> <p>Prof. Jenq-Neng Hwang, IEEE Fellow</p> <p>University of Washington, USA</p>
09:20-10:00	<p>Prof. Yuri Rzhanov</p> <p>University of New Hampshire, United States</p> <hr/> <p><i>Speech Title: Quantitatively accurate 3D underwater scene reconstruction from imagery: challenges and solutions</i></p>
10:00-10:40	<p>Plenary Speech I</p> <p>Group Photo & Coffee Break</p>





Agenda

10:40-11:20	Keynote Speech I	Prof. Jenq-Neng Hwang, IEEE Fellow University of Washington, USA
		<i>Speech Title: Coordinated 3D-Information Mining of Big Visual Data for Smart City</i>
11:20-12:00	Keynote Speech II	Prof. Chin-Chen Chang, IEEE and IET Fellow Feng Chia University, Taiwan
		<i>Speech Title: Sharing Secret Message Using Meaningful Digital Images with Cheating Detection</i>



Lunch @ Qiulin Pavilion (河西秋林阁) <12:00-13:30>


< May 12, 2018 (Saturday) > Afternoon

13:30-15:45	Session I-Computer Graphics and Photographic Technology 9 presentations	 Science Building Meeting Room I
	EC065, EC0102, EC0129, EC0134, EC0148, EC0163, EC0204, EC0151, EC0177	
13:30-15:45	Session II-Target detection and tracking 9 presentations	 Science Building Meeting Room II
	EC0147, EC060, EC052, EC0220, EC0213, EC0265, EC041, EC044, EC064	
13:30-15:45	Session III- Communication and Signal Analysis 9 presentations	 Science Building Meeting Room III
	EC0115, EC0182, EC0206, EC0305, EC0307, EC0181, EC023, EC0294, EC077,	
13:30-15:45	Session IV- Image analysis 9 presentations	 Science Building Meeting Room IV
	EC0111, EC0116, EC0178-A, EC0245, EC057, EC058, EC069, EC0253, EC0277	

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13:30-15:45	Session V- Image Identification 9 presentations	 Science Building Meeting Room V
	EC042, EC062, EC094, EC0209, EC0250, EC0254, EC0289, EC0242, EC0118	
13:30-15:30	Session VI- Image reconstruction 8 presentations	 Science Building Meeting Room VI
	EC1003, EC0142, EC0197, EC0235, EC0244, EC0301, EC0232, EC038-A	
15:45-16:00	Coffee Break	
16:00-19:00	Session VII-Imaging System and Technology 12 presentations	 Science Building Meeting Room I
	EC016, EC024, EC031, EC091, EC0120, EC0139, EC0222, EC0224, EC0260, EC0278, EC0119, EC0275	
16:00-19:00	Session VIII-Computer Information Theory and Technology 12 presentations	 Science Building Meeting Room II
	EC001, EC020, EC095, EC0212, EC0221, EC046, EC3006, EC0230, EC0279, EC0280, EC0156, EC0272	
16:00-19:00	Session IX- Target recognition and filtering algorithm 12 presentations	 Science Building Meeting Room III
	EC090, EC0276, EC0114, EC0262, EC0295, EC1002, EC0146, EC0157, EC0170, EC0201, EC0226, EC0309	
16:00-19:00	Session X- Face recognition and detection 12 presentations	 Science Building Meeting Room IV
	EC085, EC0186, EC0187, EC0266, EC0126, EC0103, EC0121, EC0274, EC067, EC0173, EC075, EC0319	
16:00-19:00	Session XI- Image segmentation 12 presentations	 Science Building Meeting Room V
	EC061, EC070, EC076, EC104, EC0107, EC0175, EC0180, EC068, EC030, EC088, EC093, EC3004	

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16:00-18:45	Session XII- Medical image processing 11 presentations	 Science Building Meeting Room VI
	EC0100, EC0282, EC0298, EC0238, EC0284, EC0225, EC0268, EC0270, EC083, EC050, EC0106-A	



Dinner@ Qilun Pavilion (河西秋林阁) <19:20-20:30>

< May 13, 2018 (Sunday)> Morning

Keynote Speeches & Plenary Speeches

Chaired by

Prof. Xudong Jiang, Nanyang Technological University, Singapore

 Sir Run Run Shaw Building Auditorium (1st Floor) 逸夫楼报告厅（一楼）		
09:00-09:40	Plenary Speech II	Prof. Jamshid Dehmeshki Kingston University, United Kingdom
		<i>Speech Title: TBA</i>
09:40-10:20	Keynote Speech III	Prof. Osamu Matoba, Fellow of SPIE Kobe University, Japan
		<i>Speech Title: Multi-parameter Imaging based on Digital Holography</i>
10:20-10:40	Coffee Break	
10:40-11:20	Keynote Speech IV	Prof. Xudong Jiang Nanyang Technological University, Singapore
		<i>Speech Title: Image Classification Based on Sparse Representation</i>

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11:20-12:00	Plenary Speech III	Prof. Dr. Ismail Rakip Karas Karabük University, Turkey
		<i>Speech Title: Multidirectional Scanning Model for Vectorizing Raster Images</i>








Lunch @ Qiulin Pavilion (河西秋林阁) <12:00-13:30>

< May 13, 2018 (Sunday) > Afternoon

13:30-16:00	Session XIII-Image compression and quality assessment 12 presentations	 Science Building Meeting Room I
	EC078, EC084, EC0193, EC0200, EC011-EC015, EC019, EC0166, EC3009	
13:30-15:45	Session XIV-Image matching 9 presentations	 Science Building Meeting Room II
	EC0138, EC0149, EC040, EC096, EC0211, EC059, EC0292, EC0321, EC0205	
13:30-16:00	Session XV- High-resolution images and hyperspectral images 10 presentations	 Science Building Meeting Room III
	EC063, EC0113, EC0127, EC0299, EC0169, EC037, EC045, EC032, EC0202, EC0168	
13:30-16:00	Session XVI- Pattern recognition 10 presentations	 Science Building Meeting Room IV
	EC022, EC043, EC074, EC0101, EC0105, EC0159, EC0172, EC2001, EC0210, EC3008	
13:30-16:00	Session XVII- Target Detection 10 presentations	 Science Building Meeting Room V
	EC066, EC0132, EC0144, EC0174, EC0203, EC0207, EC0241, EC0267, EC0303, EC0304,	

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13:30-16:00	Session XVIII- Target Detection 10 presentations	 Science Building Meeting Room VI
	EC0313, EC0318, EC1004, EC072, EC0153, EC089, EC0293, EC0219, EC2002, EC0317	
16:00-16:15	Coffee Break	
16:15-18:45	Session XIX-Video processing and coding technology 10 presentations	 Science Building Meeting Room I
	EC0190, EC049, EC051, EC0140, EC0143, EC0195, EC0228, EC0150, EC0288, EC0189	
16:15-19:00	Session XX-Feature extraction and matching 11 presentations	 Science Building Meeting Room II
	EC027, EC0112, EC0165, EC0185, EC0236, EC0281, EC0128, EC0314, EC0136, EC0215, EC0196	
16:15-18:45	Session XXI- Image processing and application 10 presentations	 Science Building Meeting Room III
	EC073, EC0109, EC0259, EC3001, EC033, EC039-A, EC048, EC0145, EC0269, EC0296	
16:15-18:45	Session XXII- Image processing technology and methods 10 presentations	 Science Building Meeting Room IV
	EC053, EC086, EC108, EC0160, EC0208, EC0273, EC0223, EC0291, EC3007, EC0154	
16:15-18:45	Session XXIII-Remote Sensing Technology and Application 10 presentations	 Science Building Meeting Room V
	EC0117, EC0122, EC0124, EC0188, EC0199, EC0239, EC0255, EC0302, EC0161, EC0271	
16:15-19:00	Session XXIV- Medical image detection and segmentation 11 presentations	 Science Building Meeting Room VI
	EC0125, EC080-A, EC0218, EC0234, EC0198, EC017, EC092, EC0137, EC0167, EC0229, EC0306	



Dinner@ Qiulin Pavilion (河西秋林阁) <19:20-20:30>

Agenda

< May 14, 2018 (Monday) >

  Meet at the main entrance of NCNU, 3663 N. Zhongshan Rd. 集合点：华东师范大学正大门，中山北路 3663 号	
09:30-12:00	Academic Visiting at Shanghai Key Laboratory of Multidimensional Information Processing
12:00-13:30	Lunch

Notice!

1. Participants must register for the academic visiting in advance.
2. Please arrive at the designated assembly point before 09:30.