



OCTOBER 22-25 | VIRTUAL



Roles & Responsibilities of UV2022 Session Chairs

IEEE UV2022 Organizing Committee

Roles & Responsibilities of Session Chairs - Session Organization

- ❑ **Prepare and send out** session-specific “Call for Papers” poster. *[Together with assistants]*
- ❑ **Invite** authors, speakers, and reviewers.
- ❑ **Organize** paper reviews through online paper-review systems. *[Together with assistants]*
- ❑ **Submit** the proposal of session programs and agenda to program chairs.
- ❑ **Collect and submit** the bios and pictures of session speakers to program chairs.
[Together with assistants]
- ❑ **Ensure that** authors follow IEEE paper formatting and copyright rules for camera-ready papers. *[Together with assistants]*
- ❑ **Remind** speakers to register early to receive early-bird rates.

Prepare Poster

- Please send your assistant
- ❖ Your photo and profile
- ❖ 1 picture to represent your session
- ❖ Photos and profiles of invited speakers
- ❖ Session description



THE 5TH IEEE UV2020
OCTOBER 24-27 BOSTON USA

www.UniversalVillage.org

MEET OUR SPEAKERS

 Stanley TAO <small>Director</small> <small>Universal Village Society, Canada, China</small>	 Shixin YE-LEHMANN <small>Professor</small> <small>INSERM, France</small>	 Rajkumar HALDER <small>Professor</small> <small>Amity University, India</small>
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TOPIC: Structure function analysis of Spike Proteins to Reveal Origin of High Contagiousness of SARS-CoV2

TOPIC: Immune Biomarkers: CPC India Development of new therapeutics for antitubercular resistance for better public health

Due to the COVID-19 pandemic, IEEE UV2020 will be held as an online conference.

SESSION 8-B
Smart Medicine and Smart Healthcare

DATE Tuesday, October 27
TIME 8:00 pm–12:00 pm
*U.S. Eastern Standard Time



OVERVIEW
Smart healthcare is one major component of smart city systems. More innovative technologies of smart healthcare are able to improve the management of healthcare sector, optimally utilize healthcare resources, and reduce financial cost while maintaining or even enhancing quality level of healthcare services. Smart healthcare integrates kinds of modern technology, such as artificial intelligence (AI), big data, Internet of Things (IoT), cloud, blockchain and Nano technology. These integrations can provide customized healthcare solutions without time and space limitations.

TOPICS

- Smart healthcare on postoperative patient-controlled analgesia
- Building AI-based predictive model for early cognitive impairment after ischemic stroke: a pilot study
- Application of compressed sensing algorithm in wearable devices
- An innovative detection model of Chick embryo based on images bulk data algorithm in the vaccine production

For sessions and more information, please see the UV website: <http://www.universalvillage.org>



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MEET OUR SPEAKERS

Session Chair:

Dr. YU Yifan
Professor in Urban Planning at Tongji University

Keynote Speaker:

Prof. Dejing Dou
Head of Big Data Lab (BIG) and Business Intelligence Lab (BIL) at Sialco Research Team, doing research on Big Data, Deep Learning, and Smart City


Prof. YANG Junyan
Associate Professor, Dalian Maritime University, Dalian, China. His research interests are in the field of urban job-housing commuting and its influencing factors based on multi-source big data


HUANG Jianxiang
Associate professor, Tsinghua University, Beijing, China. His research interests are in the field of urban job-housing commuting and its influencing factors based on multi-source big data


LI Jian
Associate professor, Tongji University, Shanghai, China. His research interests are in the field of urban job-housing commuting and its influencing factors based on multi-source big data


ZHOU Xingang
Associate professor, Tsinghua University, Beijing, China. His research interests are in the field of urban job-housing commuting and its influencing factors based on multi-source big data


LIU Liu
Chief Architect, China Tech Co. Ltd. His research interests are in the field of urban job-housing commuting and its influencing factors based on multi-source big data


SUN Ziwen
Associate professor, Tongji University, Shanghai, China. His research interests are in the field of urban job-housing commuting and its influencing factors based on multi-source big data

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SESSION 1-A
Vision for Universal Village and UV Indices

DATE Tuesday, October 27
TIME 8:00 pm–12:00 pm
*U.S. Eastern Standard Time



TOPICS

- Joint Research on Big Data, Deep Learning, and Smart City
- From job-housing balance to diversity: evaluating the diversity of urban job-housing commuting and its influencing factors based on multi-source big data
- A City is Not a Tree: Testing Christopher Alexander's Theory using New Urban Data
- The Monitoring Indices of Territorial Spatial Planning in China: A Perspective of Human Mobility

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Registration Fee

	Original Price	Early Bird Price	Additional Paper (N)
Non-IEEE members	\$ 445	\$ 395	+ \$ 100 * N
IEEE/UV members	\$ 400	\$ 350	+ \$ 100 * N
IEEE Life members	\$ 375	\$ 325	+ \$ 100 * N
Non-IEEE Student members	\$ 345	\$ 295	+ \$ 100 * N
IEEE/UV Student members	\$ 300	\$ 250	+ \$ 100 * N