

2022 ICSLE

International Conference on Smart Learning Environments

Hybrid Conference
Attend Online or In Person

Conference dates:
August 18-20, 2022

Hosted by:

International Association
of Smart Learning Environments

Organized by:

Hangzhou Normal University, China
UNIR (The International University of La Rioja), Spain
Near East University, Cyprus



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Conference Introduction

The International Conference on Smart Learning Environments (ICSLE 2022) will be jointly held on August 18-20, 2022 at the Hangzhou Normal University (China), the International University of La Rioja (Spain), and Near East University (Cyprus). The theme of the conference is “Intelligent Technology Enhanced Smart Learning”. It aims to bring together researchers, practitioners, and policy makers to discuss issues related to the optimization of learning environments to enhance learning. The focus is on the interplay of pedagogy, technology and their fusion towards the advancement of smart learning environments.

Smart education is the focus of the national educational informatization at present, is also the current hot area of education technology research, is an important aspect of the process of education development. The International Conference on Smart Learning Environments will be held for the sixth time, and has been held past in Hong Kong of China, Sinaia of Romania, Tunis of Tunisia, Beijing of China and Denton of the United States. bringing together international experts in intellectual learning and research, with important international influence.

The conference is chaired by Dr. DeJian Liu (President of IASLE, Co-Dean of SLIBNU), Professor Kinshuk (Dean of the College of Information at the University of North Texas), and Professor Huang Ronghuai (Beijing Normal University), and invites scholars from domestic and abroad to participate in the conference to conduct in-depth exchanges and discussions on cutting-edge and hot issues such as artificial intelligence in education, Internet of Things (IoT) and multimodal learning analytics, precise education assessment supported by AI and big data, digital literacy in education in the Intelligent Era, etc.

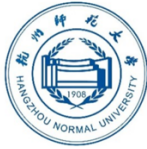
Organizational Structure

Hosted by: International Association of Smart Learning Environments

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unir
LA UNIVERSIDAD
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with support of: National Engineering Laboratory for Cyberlearning and Intelligent Technology
(CITlab), China



General Chairs

- Dr. DeJian Liu, International Association of Smart Learning Environments, China
- Dr. Kinshuk, University of North Texas, USA
- Dr. Ronghuai Huang, Beijing Normal University, China

Local Chairs

- Dr. Daniel Burgos, La Universidad en Internet UNIR, Spain
- Dr. Junfeng Yang, Hangzhou Normal University, China
- Dr. Zehra Altinay, Near East University, Cyprus

Program Chairs

- Dr. Ahmed Tlili, Beijing Normal University, China
- Dr. Elvira Popescu, University of Craiova, Romania
- Dr. Maiga Chang, Athabasca University, Canada

Technical Operations Chairs

- Dr. Richard Tortorella, The University of North Texas, USA
- Rebecca Guillot, Athabasca University, Canada

Publicity Chairs

- Haijun Zeng, Beijing Normal University, China
- Guangtao Xu, Hangzhou Normal University

Workshop/Panel Chairs

- Ting-Wen Chang, Beijing Normal University, China

Program Committee Members

Ahmed Hosny, Beijing Normal University, China

Aida Lopez Serrano, Universidad Internacional de la Rioja, Spain

Antonio Valencia, Universidad Internacional de la Rioja, Spain

Aras Bozkurt, Anadolu University, Turkey

Bing Chen, Hangzhou Normal University, China

Boulus Shehata, Beijing Normal University, China

Dan Sun, Zhejiang University, China

David Griffiths, Universidad Internacional de la Rioja, Spain

David Rosas, Universidad Internacional de la Rioja, Spain

Deepika Kohli, Khalsa College, India

Derviş AMCA TOKLU, Near East University, Cyprus

Didem Islek, Near East University, Cyprus

Erinc Ercag, Near East University, Cyprus

Fahriye Altinay, Near East University, Cyprus

Faizan Ahmad, Beihang University, China

Gokmen Dagli, University of Kyrenia, Spain

Hafed Zarzour, University of Souk Ahras, Germany

Hazra Imran, The University of British Columbia, Canada

Huseyin Bicen, Near East University, Cyprus

Ipek Danju, Near East University, Cyprus

Jihong Ding, Zhejiang University of Technology, China

Jing Du, Beijing Normal University, China

Jumei Zou, Hangzhou Normal University, China

Kaushal Kumar Bhagat, Beijing Normal University, China

Kifah Amara, Near East University, Cyprus

Lina Benavides, Universidad del Quindío, Colombia

Lu Huang, Hangzhou Normal University, China

Mehmet Beyazsacli, University of Kyrenia, Cyprus

Mengmeng Cheng, Hangzhou Normal University, China

Menil Celebi, Near East University, Cyprus

Meryem Bastas, University of Kyrenia, Spain

Min Chen, Central China Normal University, China

Mouna Denden, Université polytechnique des Hauts-de-France, France

Muhammad Usman, Iqra University, Pakistan

Muhammad-Yasir Mustafa, Beijing Normal University, China

Mukaddes-Sakalli Demirok, Near East University, Cyprus

Natalia Zea, Universidad Internacional de la Rioja, Spain

Nesrin Menemenci, Near East university, Cyprus

Paula Suárez Romalde, Universidad Internacional de La Rioja, Spain

Ramesh Chander Sharma, Ambedkar University Delhi, India

Ruiqi Deng, Hangzhou Normal University, China

Shaofeng Wang, Beijing Normal University, China

Soheil Salha, An-Najah National University, Palestine

Wenjuan Zhu, Hangzhou Normal University, China

Wenxiang Fan, Hangzhou Normal University, China

Xingyu Wang, Hangzhou Normal University, China

Xueli Zhang, Hangzhou Normal University, China

Xuyang Qian, Hangzhou Normal University, China

Yasemin Sorakin, Near East University, Cyprus

Yongbin Hu, Jiangsu Normal University, China

Yunwu Wang, Jiangsu Normal University, China

Gudeline & Tips

Before the Conference

Time Zone: **GMT+8**

You're suggested to set up the time on your computer in advance

Platform: **ZOOM**

Download link: <https://zoom.us/download>

Please complete the installation in your PC before the conference

Equipment Needed

A computer with internet connection and camera Headphones/earphones

Environment Needed

A quiet place

Stable internet connection Proper lighting and **ICSLE background**



Test Your Presentation

Date: Aug 13th to Aug 14th.

The test time for each guest is about 5 minutes

Test Time: Aug 13th 14-15 p.m. (GMT+8)

Test procedure:

a) Please fill in the **email address and test time** of the guests participating in the test (i.e. presenter) in the online document before August 9th

b) Zoom conference system will automatically send an email to the guest's mailbox.
Please click the email link to enter the online conference.

WPS Spreadsheet toolbar: 撤销, 撤消, 插入, 常规, .0, 默认字体, 9, B, I, U, 颜色, 背景色, 边框, 求和, 统计, 数据, 窗口, 帮助

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| 2 | e.g. 1 | 32 | Chadwick Johnson | Hangzhou Normal University | C.J.@163.com | +86 18123456789 | Aug 14th 10:30-10:40 a.m. |
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During the Conference

Set Names

Author: Paper ID + Name

Listener: Listener + Name

Keynote Speaker: KN + Name

Committee: Position + Name

Voice Control Rules

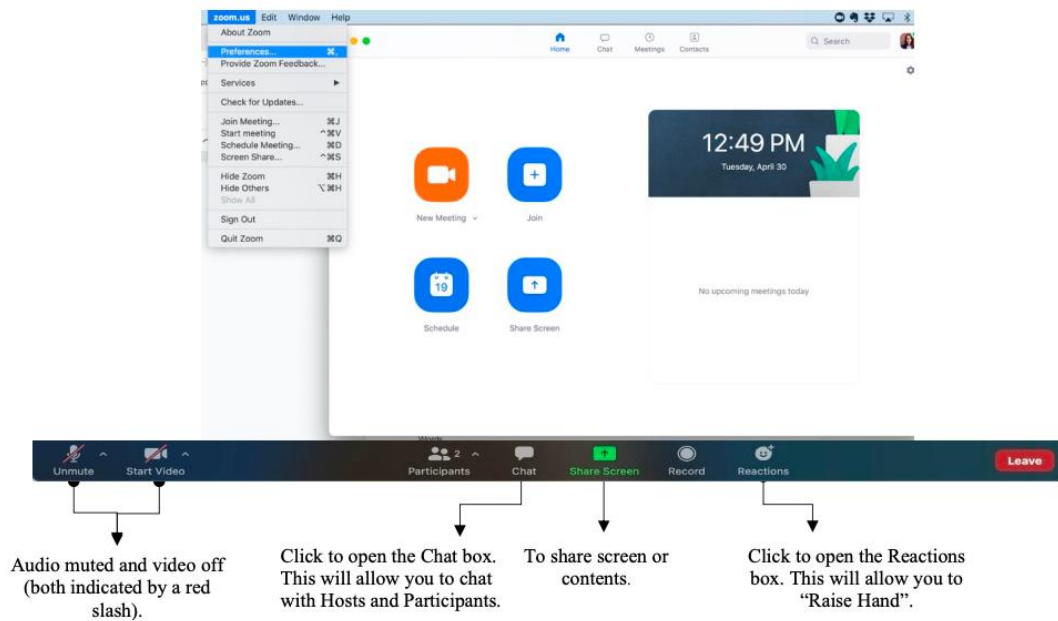
1. The host will mute all participants while entering the meeting.
2. The host will unmute the speakers' microphone when it is turn for his or her presentation.
3. Q&A goes after each speaker, the participant can raise hand for questions, and the host will unmute the questioner.

Oral Presentation

Timing: a maximum of 15 minutes in total, including 3 minutes for Q&A. Please make sure your presentation is well timed.




Conference Recording

The whole conference will be recorded. We appreciate you proper behavior and appearance.




Agenda Overview

Live Entrance: <https://wx.vzan.com/live/tvchat-1295273515?v=1659840573310>

| Date | Time | Session | Zoom Meeting |
|---|-------------|---|---|
| August 18, 2022 (Thursday) | 18:30-19:00 | Opening Ceremony |  |
| | 19:00-19:40 | Keynote Speech Zehra Altnay, Near East University | |
| | 19:45-21:00 | Paper Presentation | |
| August 19, 2022 (Friday) | 14:30-15:15 | Paper presentation |  |
| | 15:15-15:55 | Keynote Speech GU Xiaoqing, East China Normal University | |
| | 16:00-17:45 | Paper presentation | |
| | 18:30-19:10 | Keynote Speech LI Yan, Zhejiang University | |
| | 19:15-20:30 | Paper presentation | |
| August 20, 2022 (Saturday) | 14:30-15:45 | Paper presentation |  |
| | 15:50-16:30 | Keynote Speech Curtis J. Bonk, Indiana University | |
| | 16:30-17:00 | Closing Ceremony | |


Detailed schedule

| August 18, 2022 (Thursday) — Day 1 — | |
|--|--|
| Time / Session (GMT+8) | Guests / Topics |
| Opening Ceremony 18:30-19:00 | <p>Speakers:</p> <ul style="list-style-type: none"> • Dr. HUANG Zhaoxin, Vice President of Hangzhou Normal University • Dr. LIU Dejian, President of IASLE, Co-Dean of SLIBNU • Dr. Daniel Burgos, Professor of La Universidad en Internet UNIR • Dr. Zehra Altınay, Professor of Near East University • Dr. HUANG Ronghuai, Co-Dean of SLIBNU <p>Chair: Dr. YANG Junfeng, Hangzhou Normal University</p> |
| Keynote Speech 1 19:00-19:40 | <p>Speakers:</p> <ul style="list-style-type: none"> • <i>The future of learning: Pros and cons of online learning experience</i> <p>Dr. Zehra Altınay, Near East University</p> <p>Chair: Dr. Ahmed Tlili, Beijing Normal University</p> |
| Paper Presentation 19:45-21:00 | <p>Introduction: 15 minutes presentations for each paper.</p> <p><u>Paper-27F</u> (19:45-20:00)</p> <ul style="list-style-type: none"> • <i>Problem-driven Understanding in Augmented Reality:The effects on learning engagement and writing achievement</i> <p>LI Qian, Wenzhou university</p> <p><u>Paper-29F</u> (20:00-20:15)</p> <ul style="list-style-type: none"> • <i>Translation of Spanish text to Mexican Sign Language glossed text using rules and deep learning</i> <p>Samuel González-López, Tecnológico Nacional de México - Instituto Tecnológico de Nogales</p> <p><u>Paper-33S</u> (20:15-20:30)</p> <ul style="list-style-type: none"> • <i>Research on Knowledge Graph Construction of Python Programming Language</i> <p>CHEN Qing, Central China Normal University</p> <p><u>Paper-05F</u> (20:30-20:45)</p> <ul style="list-style-type: none"> • <i>A Systematic Review of Smart Learning Environments</i> <p>PAN Rouye, Hangzhou Normal University</p> <p><u>Paper-12F</u> (20:45-21:00)</p> <ul style="list-style-type: none"> • <i>Research on the impact of virtual reality environment on primary school students' classroom interaction behavior from the perspective of double-cycle theory</i> |

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| | <p>ZHENG Xiaoqian, Wenzhou University</p> <p>Chair: Dr. DENG Ruiqi, Hangzhou Normal University</p> | |
| Zoom Meeting | <p>Room Link: https://us02web.zoom.us/j/88214654820?pwd=U2hvdIFZaEtIWUt5REFIcXJ4ampBQT09 Room A: 882 1465 4820 Password: 20220818</p> |  |
| <p style="text-align: center;">August 19, 2022 (Friday) — Day 2 —</p> | | |
| Paper presentation 14:30-15:15 | <p><u>Paper-09S</u> (14:30-14:45)</p> <ul style="list-style-type: none"> <i>Research on the Perception Model and Intervention Mechanism of Academic Emotions Empowered by Artificial Intelligence</i> YIN Menghan, Northeast Normal University <p><u>Paper-11F</u> (14:45-15:00)</p> <ul style="list-style-type: none"> <i>Research on Ethical Issues in Artificial Intelligence in Education</i> CHU Juan, Hangzhou Normal University <p><u>Paper-15F</u> (15:00-15:15)</p> <ul style="list-style-type: none"> <i>Digital Twin technology in the field of education ——Take the management of the HTC Vive as an example</i> TAO Zixin, Hangzhou Normal University <p>Chair: Dr. XU Guangtao, Hangzhou Normal University</p> | |
| Keynote Speech 2 15:15-15:55 | <p>Speakers:</p> <ul style="list-style-type: none"> <i>Human-Centered AI for Learning: Balance Human and Computational Agency</i> Dr. GU Xiaoqing, East China Normal University <p>Chair: Dr. XU Guangtao, Hangzhou Normal University</p> | |
| Paper presentation 16:00-17:45 | <p style="text-align: center;">16:00-16:30</p> <p>Introduction: 15 minutes presentations for each paper.</p> <p><u>Paper-24F</u> (16:00-16:15)</p> <ul style="list-style-type: none"> <i>The Determination of Students' Opinions on Museum Activities Integrated with Virtual Environments</i> Didem Islek, Near East University <p><u>Paper-41F</u> (16:15-16:30)</p> <ul style="list-style-type: none"> <i>An Empirical Study of Intelligent Feedback Mechanism in Promoting College English Translation Learning</i> ZHOU Wei, Wenzhou University <p>Chair: Dr. XU Guangtao, Hangzhou Normal University</p> | |

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| | <p style="text-align: center;">16:30-17:45</p> <p><u>Paper-02S</u> (16:30-16:45)</p> <ul style="list-style-type: none"> <i>A critical evaluation on the use of podcasting in education in the field of international development and education</i> <p>NI Yijia, University College London</p> <p><u>Paper-35F</u> (16:45-17:00)</p> <ul style="list-style-type: none"> <i>Measuring Student Use of Tencent Conference Application in EFL Teaching Based on the Technology Acceptance Model</i> <p>WANG Jingli, Hangzhou Normal University</p> <p><u>Paper-43F</u> (17:00-17:15)</p> <ul style="list-style-type: none"> <i>The Framework and Implementation of a Highly Immersive Learning Environment for China Science and Technology Museum</i> <p>GU Peidi, Beijing Normal University</p> <p><u>Paper-06S</u> (17:15-17:30)</p> <ul style="list-style-type: none"> <i>The effectiveness of artificial intelligence in classroom: A meta-analysis</i> <p>LIN Ruyi, Hangzhou Normal University</p> <p><u>Paper-23F</u> (17:30-17:45)</p> <ul style="list-style-type: none"> <i>Research on PBL-based Maker Teaching Mode Supported by AI Algorithm Platform ——Take the teaching of "Face Recognition Access Control System" as an example</i> <p>XIAO Mingwang, Hangzhou Linping artificial intelligence education base</p> <p>Chair: Dr. HUANG Lu, Hangzhou Normal University</p> |
| <p style="text-align: center;">Keynote Speech 3 18:30-19:10</p> | <p>Speakers:</p> <ul style="list-style-type: none"> <i>What kind of Multimedia Classrooms (MC) do college students prefer? An investigation in ZJU</i> <p>Dr. LI Yan, Zhejiang University</p> <p>Chair: Dr. QIAN Xuyang, Hangzhou Normal University</p> |
| <p style="text-align: center;">Paper presentation 19:15-20:30</p> | <p>Introduction: 15 minutes presentations for each paper.</p> <p><u>Paper-45F</u> (19:15-19:30)</p> <ul style="list-style-type: none"> <i>Research on the Influence of Co-construction Concept Map on Students' Classroom Learning Effect in AR Environment</i> <p>HAN Miao, Wenzhou university</p> <p><u>Paper-46S</u> (19:30-19:45)</p> <ul style="list-style-type: none"> <i>A Review of the Research on the Application of Artificial Intelligence in Education in China</i> <p>QIN Zihan, Hangzhou Normal University</p> <p><u>Paper-47F</u> (19:45-20:00)</p> <ul style="list-style-type: none"> <i>The smart education progress measurement: can field experts' opinions help?</i> <p>Irina Dvoretzkaya, Higher School of Economics</p> <p><u>Paper-07E</u> (20:00-20:15)</p> |

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| | <ul style="list-style-type: none"> • <i>Study on intervention of promoting secondary students' OSRL skills: A latent profile analysis</i> HU Yihui, Hangzhou Normal University <p><u>Paper-14F</u> (20:15-20:30)</p> <ul style="list-style-type: none"> • <i>Achieving Change through Diversity Reformations in School Management</i> Nesrin M. Bahceleri, Near East University <p>Chair: Dr. SUN Dan, Hangzhou Normal University</p> | |
| Zoom Meeting | <p>Room Link: https://us02web.zoom.us/j/86400351119?pwd=R2x4VVpNWEFoNHRPL3ZXc3BjNXFtdz09 Room B: 864 0035 1119 Password: 20220819</p> |  |
| <p align="center">August 20, 2022 (Saturday) — Day 3 —</p> | | |
| Paper presentation 14:30-15:45 | <p>Introduction: 15 minutes presentations for each paper.</p> <p><u>Paper-36F</u> (14:30-14:45)</p> <ul style="list-style-type: none"> • <i>The Application of Barrage Technology in College English Classroom Interaction</i> XU Xianchi, Hangzhou Normal University <p><u>Paper-39F</u> (14:45-15:00)</p> <ul style="list-style-type: none"> • <i>Scratch Gamification Instruction Design Oriented by Design Thinking for Higher-Order Cognitive</i> ZHANG Huaping, Yunnan Normal University <p><u>Paper-42F</u> (15:00-15:15)</p> <ul style="list-style-type: none"> • <i>Research Status and Application Case Analysis of International Learning Space ——Literature Analysis Based on Web Of Science Core Database from 1990 to 2021</i> MAO Xiaolong, Northwest Minzu University <p><u>Paper-04S</u> (15:15-15:30)</p> <ul style="list-style-type: none"> • <i>A systematic literature review of synchronous classroom in 2011-2021</i> LI Jiaping, Hangzhou Normal University <p><u>Paper-13S</u> (15:30-15:45)</p> <ul style="list-style-type: none"> • <i>Learner Engagement in Online Learning During Covid-19 Period for Future Projections</i> Doğuş Beyoğlu, Near East University <p>Chair: Dr. ZHU Wenjuan, Hangzhou Normal University</p> | |
| Keynote Speech 4 | <p>Speakers:</p> <ul style="list-style-type: none"> • <i>Smart Questions for Smarter Learning Environments</i> | |

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| 15:50-16:30 | Prof. Curtis J. Bonk, Indiana University Chair: Dr. YANG Junfeng, Hangzhou Normal University | |
| Closing Ceremony 16:30-17:00 | Concluding remarks: <ul style="list-style-type: none"> • Dr. Kinshuk, University of North Texas Chair: Dr. YANG Junfeng, Hangzhou Normal University | |
| Zoom Meeting | Room Link: https://us02web.zoom.us/j/81475364026?pwd=anV5bjY1VUwRlLzZkYWlueHBrT05VUT09 Room C: 814 7536 4026 Password: 20220820 |  |

Keynote speaker



PROF. Curtis J. Bonk

[Indiana University](#)

Biography: Educational technologist Curtis J. Bonk, A professor in the School of Education and adjunct in the School of Informatics at Indiana University (IU). He is a former software entrepreneur, certified public accountant, corporate controller, and educational psychologist, and currently is an award-winning writer, highly published researcher, an awardee in innovative teaching with technology, and an internationally acclaimed presenter. He is the author of nearly 400 publications and has given close to 2,000 talks around the world. In 2020, he was awarded the IU President's Award for Excellence in Teaching and Learning Technology — and in 2021, Curt Bonk received the David H. Jonassen Excellence in Research Award. In April 2022, the American Educational Research Association named him a 2022 AERA Fellow. That same month, the IU School of Education awarded him an International Engagement award.



PROF. Zehra Altınay
Near East University

Biography: Zehra Altınay is Vice Director of Institute of Educational Sciences in Near East University , and the member of E-learning Association, Association of Educational Communication and Technology, Global Universities in Distance Education Association, etc. Her research interests are educational technology, management and technology & disability. She has published more than 4 national and international publications, more than 10 papers in internationally recognized journals, and more than ten academic presentations and reports at international conferences.



PROF. Xiaoqing Gu

East China Normal University

Biography: Xiaoqing Gu, professor and doctoral supervisor, is the head of Department of Educational Information Technology of East China Normal University. She is a member of the Teaching Instruction Sub-Committee of Educational Technology in Higher Education Schools of the Ministry of Education. In 2019, she was awarded the project of "Research on Artificial Intelligence for Future Education Development" by the National Social Science Foundation of China. She has undertaken more than ten national and provincial longitudinal projects such as the National Natural Science Foundation of China and the Education Science Planning of the National Social Science Foundation of China. She has published nearly two hundred papers in high-level journals and more than twenty books and textbooks.



PROF. Yan Li

Zhejiang University

Biography: Yan Li, professor and doctoral supervisor, is the vice dean of School of Education, head of Department of Curriculum and Learning Sciences, and director of Smart Education Research Center at Zhejiang University. Her research areas include distance education, digital learning, information technology education, science and technology education, media education, AI educational applications, and educational innovation communication. In the past ten years, she has been in charge of the National Natural Science Foundation of China, the National Science and Technology Innovation 2030- “New Generation of Artificial Intelligence” major project “Research on the comprehensive impact of artificial intelligence on society experiment”, and a major project of the National Social Science Foundation of China, and more than ten papers published in famous academic journals at home and abroad. She has published more than seventy papers in well-known academic journals at home and abroad.