



**2020 Joint ICWL-SETE International Conference  
on Learning Technologies and Systems**

**(ICWL-SETE 2020)**

**Ningbo P.R. China**

**22-24 October 2020**

15 October 2020

# Detailed Program

**22 October 2020**

<b>Date &amp;Time</b>	<b>Schedule (VooV Meeting /Tencent Meeting ID: <u>397 1271 2508</u>)</b>	
09:00-9:15 AM	<b>Opening Ceremony</b> Chair: Chaoyi Pang	
09:15-10:00AM	<b>Keynote Speech I</b> (Prof. Chin-Chung Tai): The role of conceptions of learning in technology-enhanced learning environments Chair: Lu Chen (email: luchen@zju.edu.cn)	
10:00-12:00AM	<b>Session 1: Granular computing in education</b> Chair: Fachao Li (email: lifachao@tsinghua.org.cn )	
	10:00-10:15	Title: Attribute reduction and rule acquisition of formal decision context based on dual concept lattice Authors: Qian Hu and Keyun Qin
	10:15-10:30	Title: Study on sample reduction method based on neighborhood granulation Authors: Fachao Li, Yunfeng Guo and Chenxia Jin
	10:45-11:00	Title: Research on attribute reduction method based on local dependency Authors: Xiaozheng Yang, Yexing Ren, Fachao Li and Chenxia Jin
	11:00-11:15	Title: Research on Uncertain Prediction Method Based on Credibility Distribution Authors: Yan Li, Ying Wang and Fachao Li
	11:15-11:30	Title: Variable Precision Multi-granularity Rough Soft Sets Based on Multiple Thresholds Authors: Xiaomin Wang, Yan Shang, Yang Liu and Hanxiang He
	11:30-11:45	Title: Fuzzy N-soft ordered semigroups with application Authors: Ziyue Chen, Jianbo Liu, Yanan Chen and Yanyan Zhang
	11:45-12:00	Title: Dominance-based N-soft rough sets Authors: Di Zhang, Qian Wu, Shen-Nan Cao and Pi-Yu Li
	12:00-13:30AM	Lunch
13:30-15:00PM	<b>Session 2: Data-driven decision</b> Chair: Liu Bin (email: 978949137@qq.com)	
	13:30-13:45	Title: Trend analysis of at-a-station hydraulic geometry relations on the Loess Plateau of China Authors: Shumei Zhou and Qinghong Yan
	13:45-14:00	Title: Preparing Primary School Teachers for Teaching Computational Thinking: A Systematic Review

		Authors: Maria Ausiku and Machdel Matthee
	14:00-14:15	Title: A Classification Method of Inventory Spare Parts Based on Improved Super Efficient DEA-ABC Model Authors: Na Xu and Wei Xu
	14:15-14:30	Title: MSNet: A Multi-Scale Segmentation Network for Documents Layout Analysis Authors: Bo Wang, Ju Zhou and Bailing Zhang
	14:30-14:45	Title: Research on Intelligent Transportation Platform Based on Big Data Technology Authors: Bin Liu, Yijie Yuan, Yu Liu, Li Chen, Liang Si, Zengjie Liu, Ju Huang, Qing Liu and Liwei Yang
	14:45-15:00	Title: Data Synthesis for Document Layout Analysis Authors: Lin Wan, Ju Zhou and Bailing Zhang
15:00-15:30PM	Break	
15:30 -17:00PM	<b>Session 3(Workshop session): Online Language Education</b> Chair: Lu Tian (email: ivytianlu@gdufs.edu.cn)	
	15:30-15:45	Title: Distance Education and MooCs for Language Learning in China Authors: Weihua Du and Shili Ge
	15:45-16:00	Title: Evaluating Online Courses: How Learners Perceive Language MOOCs Authors: Zixuan Ye, and Rong Luo
	16:00-16:15	Title: Exploring the Effectiveness of Fully Online Translation Learning During COVID-19 Authors: Wenchao Su, Defeng Li, Xiaoxing Zhao and Ruilin Li
	16:15-16:30	Title: From Off-line to Online: The Reduced Embodiment in Teacher-initiated Turn-taking in GSL Instructions Authors: Enhua Guo and Fuxin Zhang
	16:30-16:45	Title: An Online English Learning Community for College Students Based on Community of Inquiry Framework Authors: Cuiying Liao and Lu Tian

# 23 OCT 2020

Date & Time	Schedule (VooV Meeting /Tencent Meeting ID: <u>397 1271 2508</u> )	
09:15-10:00AM	<b>Keynote Speech II</b> (Prof. Dragan Gasevic): The Promise of Learning Analytics in the Age of AI Chair: Guanliang Chen	
10:00-12:00AM	<b>Session 4: Education Technology (Edtech) and ICT for Education</b> Chair: Liang Cai (email: 719675711@qq.com)	
	10:00-10:15	Title: An Experience of Teaching Advanced Control Engineering (ACE) for Postgraduate Students Authors: Luzheng Bi and Aberham Genetu Feleke
	10:15-10:30	Title: MODELLING CHANGE TOWARDS HYBRID LEARNING Authors: Johan Rossouw, Lizette Weilbach and Machdel Mathee
	10:45-11:00	Title: How Instructors Initially Viewed Teaching Online in Higher Education in the UK During the COVID-19 Pandemic Authors: Xin Zhao, Michael Kung and Liang Cai
	11:00-11:15	Title: Applying the Online Intelligent Grading System to College English Writing Teaching: An Empirical Study Authors: Juan Sun, Li Cui, Saiyun Zhang and Xianwu Zhou
	11:15-11:30	Title: The Construction and Measurement of An Online Learning Evaluation System Based on ACSI Mode Authors: Chunmei Han, Yuzhuo Zhang, Hongji Yang, Lu Yu and Lei Zhang
	11:30-11:45	Title: Effective Cultivation of Cross-Border E-Commerce Talents via Virtual Communities of Practice with Multi-Media, Multi-Layered WeChat Groups Authors: Wen Zhou and Ying Lu
	11:45-12:00	Title: A Study on the Autonomous Learning Model of English Pronunciation for Business English Major Students Authors: Chen Ou, Kaijing Zhao, Xiang Li and Li Jia
11:45-13:30AM	Lunch	
13:30-15:00PM	<b>Session 5: Learning Analytics</b> Chair: Qing Liu (email: qingliu@comp.hkbu.edu.hk)	
	13:30-13:45	Title: Integrating MOOCs in Blended-learning Courses: Perspectives of Teachers and Students Authors: Hui Bao and Xin Zhao
	13:45-14:00	Title: Current Political News Translation Model Based on Attention Mechanism Authors: Xixi Luo, Jiaqi Yan, Xinyu Chen, Ke Wu, Meili Lu and Liang Cai
14:00-14:15	Title: Intelligent Mentoring Bots in Learning Management Systems -	

		<p>Concepts, Realizations and Evaluations</p> <p>Authors: Alexander Tobias Neumann, Peter de Lange, Ralf Klamma, Norbert Pengel and Tamar Arndt</p>
	14:15-14:30	<p>Title: Evaluation of Approaches for Automatic E-Assessment Item Annotation with Levels of Bloom's Taxonomy</p> <p>Authors: Roy Meissner, Daniel Jenatschke and Andreas Thor</p>
	14:30-14:45	<p>Title: Competence of an ICT teacher concerning didactic and methodological support in teaching ICT at primary school</p> <p>Authors: Irena Loudova, Jana Novotna and Dagmar El-Hmoudova</p>
14:15-15:00	Break	
15:00 -16:15PM	<p><b>Session 6 (Workshop Session):Language Learning and NLP</b></p> <p>Chair: Yuanyuan Mu (email: 390842884@qq.com)</p>	
	15:00-15:15	<p>Title: Predicting Potential Difficulties in Second Language Lexical Tone Learning with Support Vector Machine Models</p> <p>Authors: Juqiang Chen, Catherine T. Best and Mark Antoniou Western</p>
	15:15-15:30	<p>Title: Corpus-Based Sociolinguistic Study of Corporate Emails and the Implication for Business English Teaching</p> <p>Authors: Xiaoxiao Chen and Shili Ge</p>
	15:30-15:45	<p>Title: The Design and Implementation of a Virtual Reality Program for Improving Situated Consecutive Interpreting Skills</p> <p>Authors: Isabelle Chou and Cheng Zhang</p>
	15:45-16:00	<p>Title: Knowledge-Network-based Inter-Institutional Collaborative Teaching of Translation</p> <p>Authors: Yuanyuan Mu and Wening Yang</p>
	16:00-16:15	<p>Title: Corpus-based Semantic Prosody Study of English-Chinese Translation: Taking Trump's Popular Saying "It is what it is" as An Example</p> <p>Authors: Tiantian Wang and Shili Ge</p>

**24 OCT 2020**

<b>Date &amp;Time</b>	<b>Schedule (VooV Meeting /Tencent Meeting ID: <u>397 1271 2508</u>)</b>	
09:15-10:00AM	<b>Keynote Speech III</b> (Prof. Kaizhu Huang): Adversarial Machine Learning and Its applications for Robust Pattern Recognition Chair: Bailing Zhang	
10:00-11:30AM	<b>Session 7: Online and Web-based Learning</b> Chair: Xiaoye Miao (email: miaoxy@zju.edu.cn)	
	10:00-10:15	Title: Influencing Factors of Students' Online Learning Satisfaction during the COVID-19 outbreak: An Empirical Study Based on Random Forest Algorithm Authors: Yuzhuo Zhang, Po Zhang, Hongji Yang, Kangrui Zhao and Chunmei Han
	10:15-10:30	Title: A Review on Visualization of Educational Data in Online Learning Authors: M. Ali Akber Dewan, Walter Moreno Pachon and Fuhua Lin
	10:45-11:00	Title: Technology affordances in the Web-Based learning environment for SLA: A case study of a Chinese English learner in the time of COVID-19 Authors: Jin Wang, Zili Chen and Nana Jin
	11:00-11:15	Title: HTML 5-based Learning for 3D Computer Graphics and GIS Authors: Changbin Yu, Mingming Fu and Chaoyi Pang
	11:15-11:30	Title: An Analysis on Learners' Word Reading and Writing in an English Reading-to-Write Task System Authors: Min Kang, Koichi Kawamura, Harumi Kashiwagi and Kazuhiro Ohtsuki
11:30-13:30AM	Lunch	
13:30-14:45PM	<b>Session 8(Workshop Session): language Teaching and Technology</b> Chair: Menglian Liu (email: 201110034@oamail.gdufs.edu.cn)	
	13:30-13:45	Title: Is Flexible Learning Flexible for Teachers? An Investigation of the Current Situation of China's Online EFL Teaching During the COVID-19 Outbreak Authors: Min Yuan, Xiaojing Wu, Fengxin Xiong, Wenwen Li, Qiuzhu and Xiaobin Liu
	13:45-14:00	Exploring Virtual Team Project in an English for Science and Technology Course Authors: Jianqiu Tian
	14:00-14:15	Title: Designing Rain Classroom-Based Blended Learning Model for English Public Speaking Course Authors: Chenxi Pan, Xuan Min and Yuanyuan Mu
	14:15-14:30	Title: Computer Assisted Student Interpreters' Self-assessment

		Ways Inspiration Authors: Menglian Liu
	14:30-14:45	Title: Teacher and Technology in Foreign Language Education during the COVID-19 Pandemic: A Perspective from the Philosophy of Technology Authors: Lin Chen and Yuan Yang
	Break (14:45-15:00)	
15:00 -16:00PM	<b>Panel Discussion and Closing Session</b> Chair: Chaoyi Pang and Yunjun Gao	