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Technical Program

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Rentaro Ono	Univ. of Fukui
Keita Ichikawa	Univ. of Fukui
Kosuke Hirayama	Univ. of Fukui
Masumi Takada	Yokkaichi Nursing & Medical Care Univ.
Hiroki Takada	Univ. of Fukui
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Erunika Dayaratna	Univ. of Peradeniya
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Makoto Nakazawa	Junior College of Aizu
Manabu Kobayashi	Waseda Univ.
Yutaka Ishii	Chiba Univ.
Michiko Nakano	Waseda Univ.
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Antorweep Chakravorty	Univ. of Stavanger
Chunming Rong	Univ. of Stavanger
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Kohki NAKANE	Univ. of Fukui
Rentaro ONO	Univ. of Fukui
Shota YAMAMOTO	Univ. of Fukui
Masumi TAKADA	Yokkaichi Nursing & Medical Care Univ.
Fumiya KINOSHITA	Toyama Prefectural Univ.
Akihiro SUGIURA	Gifu Univ. of Medical Sci.
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Masaru Miyao	Nagoya Industrial Sci. Research Inst.
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Fang Wang	Brunel Univ. London
Mingxiao Lu	Nankai Univ.
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Hong Zhao Yun Guo	Nankai Univ. Nankai Univ.
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Mariann Hardey Sue Black		Durham Univ. Durham Univ.
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Qiaomei Liang		Xiamen Univ.
Rongqi Wang		Xiamen Rural Commercial Bank
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Guangqin Zhang		Peking Universtiy
Jing Lin		Xiamen Univ. Library
Yankai Huang		Xiamen Univ.
Xiaoqing Lin		Fujian Normal Univ.
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Fan Anqi		Jiangxi Sci. & Tech. Normal Univ.
Xing Ruonan		Jiangxi Normal Univ.
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Data Science I	

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Linjing Zhang		Fuzhou Administration Inst.
Chuanzhong Li		Guangzhou Univ.
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Fang Zheng		Huazhong Agricultural University/Hubei Engineering Tech. Research Center of Agricultural Big
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Aibo Xu		Wuhan Fiberhome Technical ServicesCo.,Ltd/Fiberhome Telecommunication Technologies Co.,Ltd
Zipeng Zhang		Hubei Univ. of Tech.
Chunzhi Wang		Hubei Univ. of Tech.
Aijun Liu		Hubei Univ. of Tech.
Xiang Hu		Wuhan Fiberhome Technical ServicesCo.,Ltd/Fiberhome Telecommunication Technologies Co.,Ltd
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Chair: Sena Seneviratne		Sydney Univ.
Co-Chair: Luona Song		Beijing Univ. of Posts & Telecommunications
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Luona Song		Beijing Univ. of Posts & Telecommunications
Xin Guo		Beijing Univ. of Posts & Telecommunications
Yiqi Fan		Beijing Univ. of Posts & Telecommunications
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Siyuan Chang		Hubei Univ. of Tech.
Caiquan Xiong		Hubei Univ. of Tech.
Dahai Xia		Hubei Univ. of Tech.
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Lianzhen Liu		Huazhong Univ. of Sci. & Tech.
Wei Liu		Huazhong Univ. of Sci. & Tech.
Xinyu Li		Huazhong Univ. of Sci. & Tech.
Weiwei Wang		Huazhong Univ. of Sci. & Tech.
Wenqing Cheng		Huazhong Univ. of Sci. & Tech.
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M. Irtaza Nawaz Tarar		National Univ. of Sciences & Technology, Islamabad, Pakistan
Faizan Ahmed		National Univ. of Sciences & Technology, Islamabad, Pakistan
Wasi Haider Butt		National Univ. of Sciences & Technology, Islamabad, Pakistan
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Sha Sun		Tsinghua Univ.

Hanjun Jiang Mingchao Yin Chun Zhang		Tsinghua Univ. Tsinghua Univ. Tsinghua Univ.
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Runxin Yang Jimei Li Meijie Du		Beijing Language & Culture Univ. Beijing Language & Culture Univ. Beijing Language & Culture Univ.
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Shijin Li Yijia Gao Fushou Tao Ting Shi		Yunnan Univ. of Finance & Economics Yunnan Univ. of Bussiness Management Yunnan Univ. of Finance & Economics Yunnan Business Information Engineering School
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Shijin Li Yijia Gao Fucai Wang Ting Shi		Yunnan Univ. of Finance & Economics Yunnan Univ. of Bussiness Management Yunnan Business Information Engineering School Yunnan Business Information Engineering School
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Yu Zeng Biyu Wan		China Smart City Planning & Design Research Inst. Co., Ltd/Chinese Society For Urban Studies China Smart City Planning & Design Research Inst. Co., Ltd/Chinese Society For Urban Studies
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Educational Technology IV	
Chair: Zhiguo Shi	Zhejiang Univ. / Alibaba-Zhejiang Univ. Joint Research Inst. of Frontier Technologies

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 Feifei Xu Chongqing Normal Univ.
 Dongzhu Hu Chongqing Normal Univ.
 Huiju Zhou Nanguan Middle School Zunyi City, Guizhou
 Mingyong Li Chongqing Normal Univ.
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 Ruixia Cao Dalian Neusoft Univ. of Information
 Lu Sun Dalian Neusoft Univ. of Information
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 Zhiguo Shi Zhejiang University/Alibaba-Zhejiang Univ. Joint Research Inst. of
 Frontier Technologies
 Jiming Chen Zhejiang University/Alibaba-Zhejiang Univ. Joint Research Inst. of
 Frontier Technologies
 Shibo He Zhejiang University/Alibaba-Zhejiang Univ. Joint Research Inst. of
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 Dongmei Wei Xihua Univ.
 Xiuhua Wang Xihua Univ.
 Ying Wang Xihua Univ.
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 Li Ma Ordos Inst. of Tech.
 Hongying Bai Ordos Inst. of Tech.
 Qiongjie Dai Ordos Inst. of Tech.
 Hui Wang Ordos Inst. of Tech.
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 Yi Zhou Changshu Inst. of Tech.
 Zhe YU Changshu Inst. of Technology/Harbin branch of United Network
 Telecommunications Corporation
 Xian-dong XU Changshu Inst. of Tech.
 Jin-sen ZHAI Changshu Inst. of Tech.
 He WANG Changshu Inst. of Tech.
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 Li Qin Huazhong Agricultural University/Hubei Engineering Tech.
 Research Center of Agricultural Big
 Bo Li Huazhong Agricultural University/Hubei Engineering Tech.
 Research Center of Agricultural Big
 Li-Ping Yang Huazhong Agricultural University/Hubei Engineering Tech.
 Research Center of Agricultural Big
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 Yingnan Yu Dalian Ocean Univ.
 Ran Li Dalian Ocean Univ.
 Yan Lou China Medical Univ.
 Shuang Li Dalian Ocean Univ.
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 Huiyan Li Univ. of Sanya
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 Bin Sun Ordos Inst. of Tech.
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 Jie Jiang Jiangxi Sci. & Tech. Normal Univ.
 Dekun Xu Jiangxi Sci. & Tech. Normal Univ.

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Xiang Fang

Shandong Tech. & Business Univ.

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Chair: Jana Jost
Co-Chair: Hao Wang

Fraunhofer Inst. for Material Flow & Logistics
Hospitality Inst. of Sanya

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Jana Jost
Benedikt Mättig
Tobias Schneider

Fraunhofer Inst. for Material Flow & Logistics
Fraunhofer IML
TU Dortmund

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Zhang Bingzhen
Qiao Xiaoming
Yang Hemeng
Zhou Zhubo

Yuxi Power Supply Bureau, Yunnan Power Grid Co.Ltd.
Tianjin Zhongwei Aerospace Data System Tech. Co.Ltd
Tianjin Zhongwei Aerospace Data System Tech. Co.Ltd
Tianjin Zhongwei Aerospace Data System Tech. Co.Ltd

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Lingyun Wang
Caiquan Xiong
Na Deng

Hubei Univ. of Tech.
Hubei Univ. of Tech.
Hubei Univ. of Tech.

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Zhang Jie
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Tao Ye

Nanjing Univ.
Nanjing Univ.
Nanjing Univ.

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Yanqing Peng
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Xiamen Univ. of Tech.
Xiamen Univ. of Tech.
Wuhan Univ.
Xiamen Univ. of Tech.

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Hospitality Inst. of Sanya

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Ping Zong
Junyan Jiang
Jun Qin

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Nanjing Univ. of Posts & Telecommunications
Nanjing Univ. of Posts & Telecommunications

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Jun Qin
Shengxi Liang
Yanyan Song
Ping Zong

Nanjing Univ. of Posts & Telecommunications
Nanjing Univ. of Posts & Telecommunications
Communication Univ. of China
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Chair: Jie Hu

Zhejiang Univ.

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Shiqin Liu
Han Yu

Hubei Univ. of Tech.
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Telecommunication Technologies Co.,Ltd,

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Educational Technology V	
Chair: Xing Liu Co-Chair: Weina Cheng	Wuhan Univ. of Tech. Central China Normal Univ.

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Huan Zhao		Hunan Univ.
Kehua Yang		Hunan Univ.
Yan Liu		Hunan Univ.
Jingke She		Hunan Univ.
Xiongren Xiao		Hunan Univ.
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Mingyong Li	Computer & Information Sci. Dept,	Chongqing Normal Univ.
Kaiyue Xiang	Computer & Information Sci. Dept,	Chongqing Normal Univ.
Xue Qiu		Chongqing Normal Univ.
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Jianzhong Hu		Southeast Univ.
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Jingjing Li		HUAWELI Tech. Co., Ltd
Lin Zhang		Dalian Univ. of Tech.
Peng Xu		Dalian Univ. of Tech.
Hongyan Zhang		Dalian Univ. of Tech.
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Jiang Tao		Dalian Ocean Univ.
Gao Zhuo		Harbin Univ. of Sci. & Tech.
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Xing Liu		Wuhan Univ. of Tech.
Yaobang Zhao		Wuhan Univ. of Tech.
Jingling Yuan		Wuhan Univ. of Tech.
Wenbi Rao		Wuhan Univ. of Tech.
Liping Lu		Wuhan Univ. of Tech.
Fei Huang		Yangtze Univ.
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Caixia Li		Beijing Language & Culture Univ.
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Wen Liu		Lamar Univ.
Ying He		Tianjin Normal Univ.
Ming Yang		Westfield State Univ.
Danhua Zhao		Tianjin Normal Univ.
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Ran Li		Dalian Ocean Univ.
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Xu Wang	Univ. of Electronic Sci. & Tech. of China	
Liangguang Pan	Univ. of Electronic Sci. & Tech. of China	
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Weina Cheng		Central China Normal Univ.

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Miao Yu
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Beijing Language & Culture Univ.
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Imdad Ali Ismaili
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D. Scott McCrickard
ThP1.1
Virginia Tech
Univ. of Sindh
Univ. of Sindh
Virginia Tech

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He Cai
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Xiamen Univ.
Xiamen Univ.
Xihua Univ.

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Ruohui Wang
ThP1.3
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Beijing Language & Culture Univ.

[Research on Colorimetric Characterization of LCD Based on GA-Elman Neural Network](#), pp. 801-804.
Hongtai Guo
Tong Li
Zixuan Li
Qi Zheng
1550406602@qq.com
ThP1.4
Beijing Inst. of Graphic Communication
Beijing Inst. of Graphic Communication
Beijing Inst. of Graphic Communication
Beijing Inst. of Graphic Communication

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Xinhua Dong
Fangrui Liu
ThP1.6
Hubei Univ. of Tech.
Wuhan Fiberhome Technical ServicesCo.,Ltd/Fiberhome
Telecommunication Technologies Co.,Ltd
Hubei Univ. of Tech.
Hubei Univ. of Tech.
Hubei Univ. of Tech.
Hubei Univ. of Tech.

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Xiamen Intermediate People Court

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Yong Ouyang
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Information Engineering Univ.

Lina Jing
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Jialing Zhu
Baozhu Fang
Yurong Zou
Ling Yu

ThP1.11

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