

第四届文化科技国际学术会议

The 4th International Conference on Culture-oriented Science & Technology, 2023

会议日程表 Conference Schedule

会议时间：2023年10月11日—10月14日

会议地点：西安天域凯莱大饭店

主会场：五楼宴会厅

分会场一：第二会议室

分会场二：贵宾厅

分会场三：第四会议室

日期	安排
10月11日 (周三)	会议报道 时间：14:00—18:00，地点：西安天域凯莱大饭店接待处
10月12日 (周四)	全体大会 时间：9:00—12:00，地点：西安天域凯莱大饭店主会场 1.开幕式；2.合影；3.主旨报告
	分组会议 时间：14:00—17:30，地点：西安天域凯莱大饭店 1-3 分会场
10月13日 (周五)	分组会议 时间：9:00—12:00，地点：西安天域凯莱大饭店 1-3 分会场
	自由讨论交流
10月14日 (周六)	学术交流、散会

时间：10月12日（周四）上午 9:00-12:00

地点：西安天域凯莱大饭店五楼宴会厅

全体大会	
9:00-9:10	主持人开场
9:10-9:40	大会主席致辞 相关领导致辞
9:40-10:00	全体合影
10:00-10:30	主旨报告一
10:30-11:00	主旨报告二
11:00-11:30	主旨报告三
11:30-12:00	主旨报告四

时间：10月12日（周四）下午14:00-17:30

地点：西安天域凯莱大饭店分会场1（第二会议室）

Parallel Session 1 （主持人： ）	
14:00-14:15	Title: Hotel Selection with User-generated Content Considering Tourists' Preference and Review Helpfulness Authors: Jing Wu, Chao Fu, Erlong Zhao, Shaolong Sun and Shouyang Wang
14:15-14:30	Title: Research on Risk Analysis for Lighting and Sound Equipment of Temporarily Constructed Stage Authors: Xueying Zhang, Zhibin Su, Huiqin Wang and Yujian Jiang
14:30-14:45	Title: A Survey of Screen Shooting Resilient Image Watermarking Algorithms Authors: Hu Guan, Ying Huang, Shuwu Zhang and Jie Liu
14:45-15:00	Title: Shade-GAN-based 3D Reconstruction of Missing Children Faces Authors: Qingyao Li, Ying Yu and Ming Yan
15:00-15:15	Title: Research on the Application of Cultural Information Dissemination Model in Digital Smart Community Based on Metaverse Human-Computer Interaction Authors: Kai Zhou and Lichao Sun
15:15-15:30	Title: Mask-VGG: A Shot Scale Classification Model Based on Mask Generation Authors: Mingyue Zheng, Yana Zhang and Cheng Yang
15:30-15:45	Title: Typical Ceramic Pattern Extraction Based on Convolutional Neural Network Authors: Lihua Han, Yanzhen Wang and Xiaofen Wang
15:45-16:00	Title: Research on the Extraction, Storage and Innovative Design Application of Cultural relic genes Authors: Lihua Han, Yanzhen Wang and Xiaofen Wang
16:00-16:15	Title: Research on the Key Elements Deconstruction and Quality Evaluation Index System of Film and TV IP Authors: Nuan Luo, Zhaohai Zhu and Yuan Ni
16:15-16:30	Title: Cultural product valuation based on XGBoost-LightGBM Authors: Min Li, Hao Liu, Yuzheng Liu, Xin Shi, Zhenhong Wu and Xueqing Zhao
16:30-16:45	Title: Research on Hybrid Path Planning Algorithm Based on Anti-collision Authors: Penghao Ren, Mengnan Li and Zhibin Su
16:45-17:00	Title: The Algorithm of Sequential Music Recommendation Based on BERT Authors: Zhen Li, Kaiyue Li and Qingqing Yang
17:00-17:15	Title: Risk Assessment of Stage Machinery Based on Entropy Weight and Fuzzy Inference Method Authors: Huiqin Wang, Qingqing Yang, Zhen Li and Huiqi Wang
17:15-17:30	Title: The Scheme and Practice of "Smart Theater" from the Perspective of System Management Authors: Yongzhi Bai, Qingqing Yang, Fang Sun, Yanyan Huang, Yidi Wu, Xiaochong Wu and Chao Ma

时间：10月12日（周四）下午 14:00-17:30

地点：西安天域凯莱大饭店分会场 2（贵宾厅）

Parallel Session 2（主持人： ）	
14:00-14:15	Title: Analysis and Research of Utilization Rate on Stage Machinery of Opera House Authors: Qingqing Yang, Mengjie Li, Xu Li, Huiqi Wang, Zhihan Zhang, Aoqi Yang and Fang Sun
14:15-14:30	Title: A Sentiment Classification Model Based on Attention TIG-CNN-BiGRU Authors: Peng Li, Tianmian Liang, Ning An, Lichen Zhang, Xiaojun Wu, Xiaoming Wang and Junling Lu
14:30-14:45	Title: The Application of Data Statistical Analysis in Historical Research Authors: Xiaolong Mo, Huabiao Li, Yanyan Guo, Linxian Hao
14:45-15:00	Title: Research on the Application of Machine Learning in the Field of News Commentary Analysis Authors: Jinbao Song, Yu He and Ran Li
15:00-15:15	Title: Research on the Evaluation and Cultivation Design of AI Literacy to Promote the Development of Cognitive Intelligence among Pre-service teachers Authors: Yafan Wang and Xiaoyong Lu
15:15-15:30	Title: Research on intelligent convergence and sharing model technology of public cultural resource Authors: Hua Ming, Guigang Zhang, Yun Wang, Xiangke Mao, Tengfei Zhang and Guanghao Ren
15:30-15:45	Title: A Visual Analysis System on the Development of Global Cinema Authors: Wanxin Zhang, Jinbao Song and Bing Zhu
15:45-16:00	Title: Research on Timbre Evaluation Method for Oral Literature Authors: Shilei Bai, Shizhen Guo, Chaoyu Hu, Mengfei Zhang and Ying Gao
16:00-16:15	Title: Noise Non-Differentiable in Deep Learning End-to-End Image Watermarking Models Authors: Xinting Wu, Ying Huang, Hu Guan, Baoning Niu and Fangpeng Lan
16:15-16:30	Title: Research on Safety Integrity Level Assessment for Stage Machinery of Temporary Performance Site Authors: Yubin Hu, Zhibin Su, Zixiao Wang and Huiqin Wang
16:30-16:45	Title: An Optimization Method of Loudspeaker Linear Array Based on Particle Swarm Algorithm Authors: Hui Ren, Yuxin Liu and Xinyu Deng
16:45-17:00	Title: Design of Fire Evacuation Simulation System for Rail Transit Station Based on BIM and VR Technology Authors: Jing Gao, Yingqi Xu, Hongtao Wang, Jianyu Wang, Sibao Xu and Mingyu Lv
17:00-17:15	Title: A Cascaded Wearable Product Feature Tag Extraction Method based on Sentiment Prior Authors: Shizhou Li, Guixuan Zhang, Jie Liu and Shuwu Zhang
17:15-17:30	Title: Research on Intelligent Control of Stage Costume Storage in Smart Theaters Authors: Fangguo Ning, Qianxi Chen and Jiwen Duan

时间：10月12日（周四）下午 14:00-17:30

地点：西安天域凯莱大饭店分会场3（第四会议室）

线上会议室，腾讯会议号：853-699-509

Parallel Session 3（主持人：严明）	
14:00-14:15	Title: Retrieval-based Question Answering Based on Emotion-Aware Graph Attention Network Authors: Hengyuan Zhang, Feng Li and Qiang Ling
14:15-14:30	Title: Application of Quality Function Deployment and Theory of Inventive Problem Solving in the Human-pet Shared Furniture Design Process Authors: Jifeng Xu and Chenyu Xia
14:30-14:45	Title: Realization of Cultural Trustworthy Network Based on Penetration Test Technology Authors: Siyu Liu
14:45-15:00	Title: Digital Industry Agglomeration and Regional Economic Resilience——Evidence from Provincial Panel Data in China Authors: Ziyi Ye and Xiaoli Hu
15:00-15:15	Title: A Novel Near-Field Channel Estimation Method for RIS-Assisted UM-MIMO Systems Authors: Rongzhen Chen, Jing He, Jiali Cao, Heyun Lin and Zhiqiang Yu
15:15-15:30	Title: The Impact of Text Narrative Elements in Mobile Murder Mystery Games on Immersive Experience Authors: Yi Yu and Huan Zhang
15:30-15:45	Title: Video Website Management System Based on Database SQL Authors: Yixuan Gao and Xinran Ba
15:45-16:00	Title: Explore the Application of Yuan Dynasty Official Hat Elements in Kitchen Daily Products Authors: Yue Zhang and Nuo Pang
16:00-16:15	Title: Study on Strategies of Promoting Urban Brand Image by Public Benefit Using WeMedia Authors: Jing Cao
16:15-16:30	Title: Investigation on the Activation Display of Chinese Ancient Poetry with Metaverse Technology Authors: Kexin Wang
16:30-16:45	Title: PARAFAC-Based Channel Estimation and Positioning in Millimeter-Wave Massive MIMO-OFDM Systems Authors: Jian Chu, Yalin Guan, Yuan Cheng, Heyun Lin and Zhiqiang Yu
16:45-17:00	Title: Sparse Transformer-Based Algorithm for Long-short Temporal Association Action Recognition Authors: Yue Lu and Yingyun Yang
17:00-17:15	Title: Transfer Learning for Tang Tri-Color cultural relic Image Recognition Authors: Ling Lei and Ruomu Wei
17:15-17:30	Title: Research on Key Technology of Small Retractable Auditorium in Entertainment Industry Authors: Jiujiang Lin and Yue Dong

时间：10月13日（周五）上午 9:00-12:15

地点：西安天域凯莱大饭店分会场 1（第二会议室）

Parallel Session 1（主持人：）	
9:00-9:15	Title: Enabling Efficient Valuation of Property Rights for Cultural Products based on Crowdsourcing Authors: Bo Yin, Yi Chen, Hang Chen and Xuetao Wei
9:15-9:30	Title: A Comprehensive Indicator System for Evaluating the Property Value of Chinese Paintings and Calligraphy Authors: Wei Xie, Bo Yin, Xiao Rao and Tianxu Wang
9:30-9:45	Title: Deep Boosting Robustness of DNN-based Image Watermarking via DBMARK Authors: Guanhui Ye, Jiashi Gao, Bo Yin, Wei Xie and Xuetao Wei
9:45-10:00	Title: ItoV: Efficiently Adapting Deep Learning-based Image Watermarking to Video Watermarking Authors: Guanhui Ye, Jiashi Gao, Yuchen Wang, Liyan Song, Xuetao Wei
10:00-10:15	Title: A Research on Applications of Blockchain Consensus Protocols in Digital Copyright Protection Authors: Meiqi Liu and Fang Meng
10:15-10:30	Title: A Dataset for generating Chinese landscape painting Authors: Zengguo Sun, Haoyue Li, Xiaojun Wu, Yumei Zhang, Rong Guo, Biyu Wang and Liren Dong
10:30-10:45	Title: A resource scheduling strategy based on firefly algorithm Authors: Zhenhong Wu, Hao Liu, Xin Shi, Min Li, Han Yang and Xueqing Zhao
10:45-11:00	Title: User Self-set Rules in Public Cultural Field Based on Semantic Rules Authors: Yun Wang, Guigang Zhang and Hua Ming
11:00-11:15	Title: Fine-Grained Visual Categorization with Window Restrain for Intelligent Products Authors: Yu Kang, Xiao-Li Hao, Bao-Ning Niu, Guixuan Zhang and Ying Huang
11:15-11:30	Title: Research on the application of video affective computing in the field of radio and television Authors: Wenhan Liu
11:30-11:45	Title: H-vectors: Hybrid Transformer and ResNet based TDNN for Speaker Verification Authors: Ming Hao, Fangyuan Wang, Yuhai Shi and Chong Zhang
11:45-12:00	Title: Research on the Cultural Value of Jingchu Folk Embroidery from the Perspective of Its Research Status Authors: Ning He, Jiaying Li, Li Guo and Man Guo
12:00-12:15	Title: Rural Cultural Heritage Scene Construction Based on Digital Activation Technology Authors: Shengtong Li, Zhe Liu, Lanlan Nong and Shenguo Fang

时间：10月13日（周五）上午 9:00-12:00

地点：西安天域凯莱大饭店分会场 2（贵宾厅）

线上会议室，腾讯会议号：558-782-619

Parallel Session 2（主持人：）	
9:00-9:15	Title: A Process for Non-rigid Fine Object Registration based on Open3D Authors: Yuhang Hu, Chunfang Li, Ruihan Tang, Peng Gao and Zhuoqi Shi
9:15-9:30	Title: ChatGLM-6B Fine-tuning for Cultural and Creative Products Advertising Words Authors: Xiyuan Zhang, Xinyue Zhang and Ying Yu
9:30-9:45	Title: DHAN-WGAN: Adversarial Image Colorization Using Deep Hybrid Attention Aggregation Network Authors: He Feng and Yingyun Yang
9:45-10:00	Title: Better Technology, but Less Realism: The Perplexing Development and Application of VTuber Technology Authors: Hui Jiang, Dalin Pan and Jiangjun Lu
10:00-10:15	Title: Trajectory Planning of Stage Boom Robot Based on MATLAB Authors: Tianyu Yang and Hanxi Wang
10:15-10:30	Title: Research on the Digital Construction and Cultural Communication Path of Virtual Art Museums Based on Virtual Reality Authors: Siyu Song and Hanxi Wang
10:30-10:45	Title: Public Activity Room Designing in Care Institutions Based on Emotion Measurement Authors: Yuanyuan Zhou, Yixi Liu, Huiliang Mao, Ye Lu, Xiuping Ge and Danxia Fu
10:45-11:00	Title: Museum Collection Search Improvement based on Knowledge Graph: Semantic Mapping from Cataloging Metadata to the CIDOC-CRM Authors: Yipei Ye
11:00-11:15	Title: Attribute Analysis and Modeling Research on Color Harmony of Three-Color Combination Authors: Jiapeng Pu, Shuang Wang and Hui Ren
11:15-11:30	Title: An Active Semi-Supervised Learning for Object Detection Authors: Yu Zhao, Yingyun Yang and Sijin Chen
11:30-11:45	Title: An Information Interchange Model Between Intangible Cultural Heritage Inheritors and Consumers Based on Participatory Culture Authors: Guangai Zhang and Jifeng Xu
11:45-12:00	Title: A Design Evaluation Method of Healing Products in Sanitary Bathing Space Based on Fuzzy Hierarchical Analysis Authors: Wei Chow and Yi-ming Xu

时间：10月13日（周五）上午 9:00-12:00

地点：西安天域凯莱大饭店分会场 3（第四会议室）

线上会议室，腾讯会议号：935-810-423

Parallel Session 3（主持人： ）	
9:00-9:15	Title: Tourist Satisfaction Evaluation of Historical and Cultural Neighborhoods Based on Scene Theory Authors: Haifeng Chu, Huimei Wang and Yao Chen
9:15-9:30	Title: Classical Garden Protection Design Based on Key Technology of Cultural Heritage Activation Authors: Nawen Li, Yusen Chen and Xiangheng Fu
9:30-9:45	Title: GPTERS: GPT with Entity Relation Enhanced for Abstractive Text Summarization Authors: Jiayi Zhang, Guowei Chen and Zhaohong Liu
9:45-10:00	Title: Analysis of the Development Path of Cloud Performances in the Digital Ecosystem Authors: Yunchen Qu
10:00-10:15	Title: Research on Virtual Reality and Immersive Experience of E-sports Based on Unreal Engine Authors: Wenjing Lu and Guanchu Xu
10:15-10:30	Title: Children's Toy Design Process Based on the Kano-AHP-FBS Model: Case of Multisensory Educational Toys Authors: Yixuan Li and Lei Xue
10:30-10:45	Title: Interaction Design Strategy of Baitasi Historic Block from the Perspective of Urban Microrenewal Authors: Yansong Chen, Jia Liu, Yuhui Wang and Xiaoxi Liu
10:45-11:00	Title: Exploring the Path of Improving Cultural Services and Technological Integration in the Palace Museum Authors: Xiaolu Kang
11:00-11:15	Title: Research of Evaluation Technologies for Network Audiovisual APP Services Authors: Lili Sun, Li Gao, Yue Zhu, Ran Cai, Wei Zhu and Zhenghao Li
11:15-11:30	Title: Exploring Intelligent Product Development and Innovative Design through Traditional Chinese Tea Culture Authors: Zixin Meng, Yang Shan and Qing Li
11:30-11:45	Title: Film Video and Background Music Retrieval Based on Emotion Authors: Jindong Zhang and Qi Sun
11:45-12:00	Title: The Application of Generative Adversarial Networks in Cultural Heritage Preservation Authors: Jiayi Chang