

## 四、会议总日程安排/General Conference Schedule

时间		内容		会议号及密码
12月 03日	8:30-9:15	开幕式		腾讯会议 Tencent ID: 833-749-233
	9:15-11:45	大会特邀报告		密码 Passcode: 221203
	14:00-15:30	大会特邀报告		Zoom会议 Zoom ID: 817 9024 9359 密码 Passcode: 221203
	15:40-17:50	分论 坛报 告主 题	爆炸安全与防护	腾讯会议 Tencent ID: 593-839-558 密码 Passcode: 221203
			矿山与地下工程安全	腾讯会议 Tencent ID: 713-491-176 密码 Passcode: 221203
			风险评估	Zoom会议 Zoom ID: 899 6144 2055 密码 Passcode: 221203
12月 04日	08:30-10:00	大会特邀报告		Zoom会议 Zoom ID: 811 0006 3824 密码 Passcode: 221204
	10:00-12:10	分论 坛报 告主 题	消防安全	Zoom会议 Zoom ID: 862 9886 7775 密码 Passcode: 221204
			新能源/材料安全	腾讯会议 Tencent ID: 915-825-342 密码 Passcode: 221204
			危险化学品安全	腾讯会议 Tencent ID: 386-957-576 密码 Passcode: 221204
	14:00-15:40	分论 坛报 告主 题	人员安全与安全文化	腾讯会议 Tencent ID: 469-570-456 密码 Passcode: 221204
			消防安全	腾讯会议 Tencent ID: 418-466-899 密码 Passcode: 221204
			工业过程安全	腾讯会议 Tencent ID: 843-166-679 密码 Passcode: 221204
	15:40-16:00	闭幕式及优秀论文表彰		腾讯会议 Tencent ID: 701-896-125 密码 Passcode: 221204

## 五、会议详细日程安排/Detailed Conference Schedule

时间 /Time	12月03日上午 AM, 03 December (UTC+08) 腾讯会议 Tencent ID: 833-749-233 密码 Passcode: 221203
<p style="text-align: center;"><b>开幕式 Opening Ceremony</b> 主持人: 潘勇 教授 南京工业大学 <b>Host: Prof. Yong Pan, Nanjing Tech University</b></p>	
08:30-08:35	<p>介绍与会嘉宾 <b>Introduction of Guests</b></p>
08:35-08:45	<p>主办单位领导蒋军成校长致辞 <b>Speech from Prof. Juncheng Jiang, President of Nanjing Tech University</b></p>
08:45-08:55	<p>大会主席范维澄院士致欢迎辞 <b>Speech from Prof. Weicheng Fan, Conference President of ISUIS 2022</b></p>
08:55-09:05	<p>教育部高校安全科学与工程类专业教学指导委员会主任 华北科技学院校长 张瑞新教授致辞 <b>Speech from Prof. Ruixin Zhang, Chairman of Ministry of Education National University Safety Science and Engineering Teaching Steering Committee, President of North China Institute of Science and Technology</b></p>
09:05-09:15	<p>南京工业大学“探·智”国际青年学者论坛宣传 <b>Propaganda of Nanjing Tech University “Exploring and Wisdom” International Young Scholars Forum</b></p>
<p style="text-align: center;"><b>大会特邀报告 Plenary Speech</b> 主持人: 张和平教授 中国科学技术大学/潘勇教授 南京工业大学 <b>Host: Prof. Heping Zhang, University of Science and Technology of China / Prof. Yong Pan, Nanjing Tech University</b></p>	
09:15-09:45	<p>城市韧性: 理念与进展 Urban resilience: concept and some progress 范维澄教授 中国工程院院士 清华大学 <b>Prof. Weicheng Fan, Academician of Chinese Academy of Engineering, Tsinghua University</b></p>
09:45-10:15	<p>城市燃气管网安全保障技术 Safety Guarantee Technology of City Gas Pipeline Network 张来斌教授 中国工程院院士 中国石油大学(北京) <b>Prof. Zhang Laibin, Academician of Chinese Academy of Engineering, China University of Petroleum, Beijing</b></p>
10:15-10:45	<p>聚焦高层次人才培养, 助力高质量发展 Focusing on cultivation of high-level talents to help high-quality development 冯长根教授 国际欧亚科学院院士 北京理工大学 <b>Prof. Changgen Feng, Academician of International Eurasian Academy of Sciences, Beijing Institute of Technology</b></p>
10:45-11:15	<p>热分析技术在锂电池安全测试中的应用 Application of thermal analysis technology in safety test of lithium battery 徐启铭教授 台湾云林科技大学 <b>Prof. Chi-min Shu, National Yunlin University of Science and Technology</b></p>
11:15-11:45	<p>密闭空间 CO 产物的原位同步消纳方法研究 Study on in situ Synchronous Absorption of CO in Confined Space</p>

	周福宝 教授 中国安全生产科学研究院院长 Prof. Fubao Zhou, Dean of China Academy Safety Science and Technology		
时间 /Time	12月03日下午 PM, 03 December (UTC+08)		
大会特邀报告 Plenary Speech 主持人: 徐启铭 教授 (中国台湾云林科技大学) Host: Prof. Chi-min Shu, National Yunlin University of Science and Technology Zoom 会议 Zoom ID: 817 9024 9359 密码 Passcode: 221203			
14:00-14:30	有限空间环保无压温敏微胶囊灭火技术 Fire extinguishing technology of environmental friendly and non-pressure temperature sensitive microcapsules in limited space 邓军教授 副校长 西安科技大学 Prof. Jun Deng, Vice President of Xi'an University Science and Technology		
14:30-15:00	工业和社区的未來安全挑战 The future safety challenges both for industry and communities Prof. Hans Pasman, Texas A&M University		
15:00-15:30	杂化复合氧化物与碳纳米流体 Hybrid and composite oxide and carbon nanofluids Prof. Imre Miklós Szilágyi, University of Technology and Economics		
分论坛报告 Sub-Forum Speech			
15:40-17:50	爆炸安全与防护 Explosion Safety and Protection 主持人: 邢志祥、汪志雷 Host: Zhixiang Xing, Zhilei Wang 腾讯会议 Tencent ID: 593-839-558 密码 Passcode: 221203	矿山与地下工程安全 Mine and Underground Safety 主持人: 程健维、董骏 Host: Jianwei Cheng, Jun Dong 腾讯会议 Tencent ID: 713-491-176 密码 Passcode: 221203	风险评估 Risk assessment 主持人: 杨克、倪磊 Host: Ke Yang, Lei Ni Zoom 会议 Zoom ID: 899 6144 2055 密码 Passcode: 221203
15:40-16:10	邀请报告: Status and challenges of 3D CFD simulations of large-scale gaseous dispersions and explosions 报告人: Jianjun Xiao 单位: Karlsruhe Institute of Technology	邀请报告: A view on the fire escape code: A Hong Kong perspective 报告人: Siuming Lo 单位: City University of Hong Kong	邀请报告: Digital twins and risks - some applications in crowd evacuation 报告人: Ahmed Mebarki 单位: UNIVERSITÉ GUSTAVE EIFFEL
16:10-16:30	题目: Numerical analysis of the effect of ventilation door on the propagation characteristics of gas explosion shock waves 作者: Jingzhang Ren, Xuebo Zhang, Jiajia Liu, Chunxian Wang 单位: Henan Polytechnic University	题目: Study on dynamic response characteristics and structural optimization of sandwich sealed wall under the Impact of gas explosion wave 作者: Jianwei Cheng, Zui Wang, Qiang Fu, Gao Ke, Leilin Zhang 单位: China University of Mining	题目: Development and validation of a soft voting-based model for urban fire risk prediction 作者: Zhijie Huang, Jingwei Ji 单位: China University of Mining and Technology

		and Technology	
16:30-16:50	<p>题目：Suppression effects of confined space on the explosive boiling under rapid depressurization</p> <p>作者：Liming Wei, Supan Wang, Kai Liu, Xuhai Pan, Juncheng Jiang</p> <p>单位：Nanjing Tech University</p>	<p>题目：Simulation study of heat transfer in I-shaped louvered fin of heat exchanger at the end of mining fan</p> <p>作者：Yongliang Zhang, Zhen Hu, Min Qu, Wentao Fan</p> <p>单位：Qingdao University of Technology</p>	<p>题目：Thermal risk assessment of hydrogenation reaction in biorefinery process: Application to <math>\gamma</math>-valerolactone production</p> <p>作者：Yanjun Wang, Chaoqin Ren, Gan Wang, Yong Pan</p> <p>单位：Nanjing Tech University</p>
16:50-17:10	<p>题目：Experimental study on suppression of methane-air explosion with different surface dispersants combined with modified attapulgite powder</p> <p>作者：Ke Yang, Guangyu Liu, Hong Ji, Zhixiang Xing, Yongmei Hao, Juncheng Jiang</p> <p>单位：Changzhou University</p>	<p>题目：Research and application of regional risk evaluation of coal mine based on grey clustering model and combined assignment method</p> <p>作者：Yilong Wang, Ruixin Zhang, Yongming Wu, Yadong Fang, Hongqing Zhang, Yongfeng Qi, Qingquan Zhao, Yandong Song, Weihong Guo</p> <p>单位：North China Institute of Science and Technology</p>	<p>题目：Risk assessment of urban crowded places based on combination weighting-SPA</p> <p>作者：Lianhua Cheng, Nan Li, Shugang Li, Dongqiang Cao, Huimin Guo</p> <p>单位：Xi'an University of Science and Technology</p>
17:10-17:30	<p>题目：Study on propagation characteristics of gas explosion disturbed by crushed rocks with different accumulation void fractions</p> <p>作者：Zhenqi Liu, Xiaoxing Zhong, Qiu Zhong, Yansen Lu</p> <p>单位：China University of Mining and Technology</p>	<p>题目：Experimental studies on the smoke temperature in bifurcated tunnel for fire located in branch tunnel under forced ventilation</p> <p>作者：Yueyang Luo, Peiyao Zhang, Zhisheng Li, Yunji Gao, Tao Li, Yuchun Zhang</p> <p>单位：Southwest Jiaotong University</p>	<p>题目：A safety evaluation system for urban metro and its applications</p> <p>作者：Jianwei Cheng, Yongzhen Ma, Chang Qi, Shuping Sheng, Dezhi Ran</p> <p>单位：China University of Mining and Technology</p>
17:30-17:50	<p>题目：Afterburning in two-dimensional detonations for aluminum-particle/C<sub>2</sub>H<sub>2</sub>/air system</p> <p>作者：Jin Huang, Qixiang Zhou, Jianming Zhu, Wenhui Han</p> <p>单位：Beijing Institute of Technology</p>	<p>题目：Investigation of filmwise condensation and flow characteristics on inner curved heat transfer surface</p> <p>作者：Yongliang Zhang, Min Qu, Xilong Zhang</p> <p>单位：Qingdao University of Technology</p>	<p>题目：A risk assessment model for classified supervision of hazardous chemicals transportation enterprises based on multi-source dynamic data</p> <p>作者：Mengchen Liu, Mingguang Zhang, Zhen Xu</p> <p>单位：Nanjing Tech University</p>

时间 /Time	12月04日上午 AM, 04 December (UTC+08)		
大会特邀报告 Plenary Speech 主持人: 潘旭海 教授 (南京工业大学) <b>Host: Prof. Xuhai Pan, Nanjing Tech University</b> Zoom 会议 Zoom ID: 811 0006 3824 密码 Passcode: 221204			
08:30-09:00	数字化处理系统领域的安全 Safety in Digitalized Processing Systems <b>Prof. Faisal Khan, Texas A&amp;M University, USA</b>		
09:00-09:30	金属有机骨架化合物在塑料阻燃技术中的应用研究 Development of Flame Retardant Technology for Plastics using Metal-Organic Frameworks <b>Prof. Qingsheng Wang, Texas A&amp;M University, USA</b>		
09:30-10:00	低概率/高后果事件: 预测和预防 Low Probability/High Consequence Incidents: Prediction and Prevention <b>Prof. Paul Amyotte, Dalhousie University, Canada</b>		
分论坛报告 Sub-Forum Speech			
10:00-12:10	<b>消防安全</b> <b>Fire Safety</b> 主持人: 吴西强、周汝 <b>Host: Xiqiang Wu, Ru Zhou</b> Zoom 会议 Zoom ID: 862 9886 7775 密码 Passcode: 221204	<b>新能源/材料安全</b> <b>New Energy/Material Safety</b> 主持人: 鲁义、尤飞 <b>Host: Yi Lu, Fei You</b> 腾讯会议 Tencent ID: 915-825-342 密码 Passcode: 221204	<b>危险化学品安全</b> <b>Hazardous Chemical Safety</b> 主持人: 郭耸、赵坤 <b>Host: Song Guo, Kun Zhao</b> 腾讯会议 Tencent ID: 386-957-576 密码 Passcode: 221204
	10:00-10:30 (仅邀请报告 30 分钟, 其他报告 20 分钟)	<b>邀请报告:</b> Are prevailing approaches for engineering structures to resist fire fit for purpose? 报告人: <b>Usmani Asif Sohail</b> 单位: Hong Kong Polytechnic University	题目: Numerical investigation of mitigating and suppressing thermal runaway propagation in a lithium-ion battery pack using thermal insulators 作者: Junhui Gong, Bo Liu, <b>Hui Fu</b> , Jingyi Liu, Jialong Liu 单位: Nanjing Tech University
10:30-10:50	题目: Heat transfer and spread characteristics of continuous ethanol spill fires on sand substrates 作者: <b>Haihang Li</b> , Zhenlin Li, Qiang Wang, Fei Tang 单位: China Jiliang University	题目: Experimental study on overpressure dynamics and flame behavior induced by the transformer oil explosion 作者: <b>Hongsheng Ma</b> , Zhiyu Liu, Changjian Wang, Jaqing Zhang, Yubiao Huang 单位: Hefei University of Technology	题目: Scenario construction and emergency decision of hazardous chemical disaster based on stochastic petri net and case based reasoning 作者: <b>Xunqing Wang</b> , YuJie Zhou, XiaoYu Sun 单位: Shandong Technology and Business University
10:50-11:10	题目: Simulation study of oil	题目: Flammability characteristics	题目: Numerical simulation of

	<p>pressure problems caused by internal faults in oil-immersed transformers</p> <p>作者: Haowei Yao, <b>Kefeng Lv</b>, Mengyang Xing, YouXin Li, Zhongbin Lv, Dong Wang, Zhenyu Zhan, Zhenyu Wang, Wei Ren</p> <p>单位: Zhengzhou University of Light Industry</p>	<p>of wind turbine blades</p> <p>作者: <b>Ziyan Cheng</b>, Fei You, Yu Zhang, Zhenhua Wang, Chenhao Zhuang, Zhengmin Wang, Guilin Ling, Yu Pan, Junqi Wang, Jing Ma</p> <p>单位: Nanjing Tech University</p>	<p>heating temperature field of adiabatic acceleration calorimeter based on ANSYS Workbench</p> <p>作者: <b>Tianyi Yan</b>, Lei Ni, Liang Yin, Juncheng Jiang, Botao Tang, Miao Fei</p> <p>单位: Nanjing Tech University</p>
11:10-11:30	<p>题目: Pyrolysis behaviors of di-tert-butyl peroxide in gas and liquid phases: A ReaxFF molecular dynamics simulation</p> <p>作者: <b>Xianghui Shi</b>, Xin Zhang, Yong Pan</p> <p>单位: Nanjing Tech University</p>	<p>题目: Experimental study on the temperature distribution of cryogenic hydrogen jet flame on the barrier wall</p> <p>作者: Liang Gong, <b>Yifei Han</b>, Xianwen Zheng, Haoyu Wang, Yongzheng Yao, Yuchun Zhang</p> <p>单位: Southwest Jiaotong University</p>	<p>题目: Study on optimization of shelter locations and evacuation routes of gas leakage accidents in chemical industrial park</p> <p>作者: <b>Di Zhang</b>, Zhanli Mao, Meiling Gong, Jianxing Ren, Songtao Zuo</p> <p>单位: China People's Police University</p>
11:30-11:50	<p>题目: Research on flexible suppression method for explosion based on energy absorption and buffering</p> <p>作者: <b>Yajun Wang</b>, Huihuan Ma, Han Li, Xiuyan Xu</p> <p>单位: Heilongjiang University of Science and Technology</p>	<p>题目: Numerical simulation study on high-pressure hydrogen spontaneous ignition in the two types of corner structure</p> <p>作者: <b>Guanghu Wang</b>, Xiaodan Xu, Juncheng Jiang, Yuying Zhang, Lei Ni</p> <p>单位: Nanjing Tech University</p>	<p>题目: Experimental research on the effect of wire mesh on the flame propagation characteristics of syngas explosion</p> <p>作者: <b>Zhi Wang</b>, Xingyan Cao, Haoyue Wei, Yangqing Zhou, Shaochen Sun</p> <p>单位: Nanjing Tech University</p>
11:50-12:10	<p>题目: Risk assessment and control of urban industrial safety based on risk quantification</p> <p>作者: Zhang Yufu</p> <p>单位: Zhongan Guangyuan Testing and Evaluation Technology Service Co., Ltd. (中安广源检测评价技术服务股份有限公司)</p>	<p>题目: Practice and Case Studies of an Intelligent Chemical Safety Risk Control Platform Based on Industrial Internet</p> <p>作者: Wang Sanming</p> <p>单位: Anyuan Technology Co., Ltd. (安元科技股份有限公司)</p>	<p>题目: Discussion on the grading principle of Security Integrity Level (SIL)</p> <p>作者: Huang Jiulai, Xiamen Xibaoyuan Technology Group Co., LTD</p> <p>单位: Xiamen Xibaoyuan Technology Group Co., LTD. (厦门熙宝源科技集团有限公司)</p>

时间 /Time	12月04日上午 PM, 04 December (UTC+08)		
分论坛报告 Sub-Forum Speech			
14:00-15:40	<b>人员安全与安全文化</b> <b>Human Safety and Safety Culture</b> 主持人: 高云骥、龚俊辉 <b>Host: Yunji Gao, Junhui Gong</b> 腾讯会议 Tencent ID: 469-570-456 密码 Passcode: 221204	<b>消防安全</b> <b>Fire Safety</b> 主持人: 赵金龙、曹兴岩 <b>Host: Jinlong Zhao, Xingyan Cao</b> 腾讯会议 Tencent ID: 418-466-899 密码 Passcode: 221204	<b>工业过程安全</b> <b>Industrial Process Safety</b> 主持人: 王彦富、张明广 <b>Host: Yanfu Wang, Mingguang Zhang</b> 腾讯会议 Tencent ID: 843-166-679 密码 Passcode: 221204
14:00-14:20	题目: Multi-vessel collision risk analysis based on conflict detection algorithm 作者: Yanfu Wang, <b>Erhua Cui</b> , Miaomiao Wang, Kun Wang. 单位: China University of Petroleum	题目: Study of crack generation and expansion behavior of Frame-Supported float glass after heat exposure 作者: Yanni Zhang, <b>Luoxin Huang</b> , Jun Deng, Zhichao Feng, Xinyu Wen, Dan Yang, Shiyue Ling 单位: Xi'an University of Science and Technology	题目: Experimental study on the flame length and flame pulsation behaviors of continuous spill fires on a water surface 作者: Jinlong Zhao, <b>Guangheng Song</b> , Qingyuan Zhang, Xinjiang Li, Hong Huang, Jianping Zhang 单位: China University of Mining and Technology-Beijing
14:20-14:40	题目: Simulation of safety competency improvement strategy for construction workers based on system dynamics 作者: Lianhua Cheng, <b>Xudong Zhao</b> , Junsheng Shi, Dongqiang Cao 单位: Xi'an University of Science and Technology	题目: Study on Fire Simulation of Air-supported Membrane Structures Considering Pyrolysis of Lap Welded Seams 作者: <b>Yang Yu</b> , Ying Sun, Zhenggang Cao, Tengfei Wang 单位: North China Institute of Science and Technology	题目: Risk assessment of lithium-ion battery road transportation based on data-driven Bayesian networks —— considering battery self-heating 作者: <b>Jiapeng Li</b> , Jinghong Wang, Jun Xie, Juncheng Jiang 单位: Nanjing Tech University
14:40-15:00	题目: Safety management of schools in China from a macro perspective: Continuity, change and solutions 作者: Ruipeng Tong, <b>Ninghao Sun</b> , Shiji Gong, Jianting Yao, Dachen Lei, Ziqi Li 单位: China University of Mining and Technology-Beijing	题目: Experimental investigation of wind effects on heat transfer and fire spread across a pine needle fuel bed 作者: <b>Hanwen Guo</b> , Dong Xiang, Linyi Kong, Yunji Gao, Yuchun Zhang 单位: Southwest Jiaotong University	题目: Experimental research on merge characteristics and burning rate of annular pool fires under crosswinds 作者: <b>Yixiang Zhang</b> , Jianlu Zhu, Yuxing Li 单位: Xi'an Shiyou University
15:00-15:20	题目: A PLS-SEM-based study of emergency effectiveness behaviour in mines	题目: Influence of radiation mode and intensity on the protective performance of firefighting boots	题目: Study on the dynamic response characteristics of gas explosion on interlayer airtight

	作者: <b>Yawen Liu</b> , Jingxu Chen, Yejiao Liu, Yuhui Ren, Yongdan Cao 单位: Inner Mongolia University of Science and Technology	作者: <b>Jiao Geng</b> , Song Guo, Ziwen Cao, Zi Wang, Weiqing Peng 单位: Nanjing University of Science and Technology	walls in complex roadway 作者: Jianwei Cheng, Zui Wang, <b>Zhiyuan Ma</b> , Gao Ke, Junhong Si, Yi Qin, Xincheng Hu 单位: China University of Mining and Technology
15:20-15:40	题目: Driving mechanism revelation and efficiency sustainability evaluation of workers' well-being promotion: A new insight based on DPSIR-DEA model 作者: <b>Xiaofeng Zhou</b> , Ninghao Sun, Leyao Wang, Qian Wang, Ruipeng Tong 单位: China University of Mining and Technology-Beijing	题目: Preparation of microencapsulated nitrogen-phosphorus-silicon synergistic flame retardant and its effect on high impact polystyrene flame retardancy 作者: <b>Xiaoyan Sun</b> , Wangxing Lu, Huimin Liu, Ru Zhou, Lian X. Liu, Juncheng Jiang 单位: Nanjing Tech University	题目: A Review of Progress in High Flash Point Liquid Spray Fire Explosion Research 作者: <b>Yuxing Tian</b> , Gang Tao, Lijing Zhang 单位: Nanjing Tech University
15:40-16:00	<b>闭幕式 Closing Ceremony</b> 主持人: 潘勇 教授 南京工业大学 <b>Host: Prof. Yong Pan, Nanjing Tech University</b> 腾讯会议 Tencent ID: 701-896-125 密码 Passcode: 221204		
15:40-15:50	优秀论文表彰 Excellent Paper Award		
15:50-16:00	大会闭幕		