



世界职业技术教育发展大会
WORLD VOCATIONAL AND TECHNICAL
EDUCATION DEVELOPMENT CONFERENCE

平行论坛议程

职业教育数字化转型 发展论坛

举办时间 2022年8月20日 09:00-12:00

所在场馆 国家会展中心（天津）S16-27AB

协助组织单位 中国职业技术教育学会、中国电子学会

会务承办单位 天津电子信息职业技术学院

平行论坛：职业教育数字化转型发展论坛

应对数字化创新发展的机遇与挑战，探讨以数字化转型整体驱动职业教育教学模式和治理方式变革，增强技术技能人才数字化核心能力。

主持人 王天虹 中国电子学会副秘书长
刘建同 中国职业技术教育学会常务副会长兼秘书长

09:00-09:06 主持人致欢迎辞，介绍与会嘉宾

主旨发言一

09:06-09:12 抢抓战略机遇，夯实职业教育发展“科学基座”
黄维 中国科学院院士、西北工业大学学术委员会主任

09:12-09:18 以数字化转型为契机，加快推进职业教育高质量发展
葛道凯 江苏省教育厅厅长、教授

09:18-09:24 疫情后技术职业培训和教育（TVET）中的数字化学习
胡恩堂 东南亚教育部部长组织职业技术教育与培训区域中心电子学习教学设计和内容编辑师

09:24-09:30 数字化时代高职院校人才培养模式转型
许建领 深圳职业技术学院校长、研究员

09:30-09:36 技术学院的数字化转型战略与支持
伊萨卡·艾古彼尔德 西班牙机床技术学院院长董事

09:36-09:42 职业教育数字化转型与智能制造
汤兆武 浙江机电职业技术学院党委书记、教授

09:42-09:48 职业培训的数字化转型
扬·海因茨 德国海因策学院董事

09:48-09:54 互联网+教育的变革：逻辑起点与实践探索
卢坤建 广东轻工职业技术学院校长、教授

09:54-10:00 数字赋能未来专业会计师培养
蔡元文 英国特许公认会计师公会 ACCA 中国教育事务总监、ACCA 资深会员、中国注册会计师

10:00-10:06 专业升级与数字化改造的南信实践
王月中 南京信息职业技术学院党委书记、研究员

10:06-10:12 产教融合分层分类，推动专业建设改革创新
王晖 深圳信息职业技术学院校长、教授

茶歇

主旨发言二

10:20-10:26 数字化转型与浙江职业教育模式变革
陈达 浙江省教育厅职业教育与成人教育处处长

10:26-10:32 数字经济与职业教育
刘积仁 东软集团股份有限公司董事长、教授

10:32-10:38 项目化教学在数字技能人才培养方面的思考与实践
陈涛 科大讯飞股份有限公司联合创始人、安徽信息工程学院董事长、正高级工程师

10:38-10:44 工业 4.0 背景下的职教 4.0 转型
冯马丁 深圳职业技术学院荣誉教授

10:44-10:50 5G 时代，呼唤泛行业数字化人才生态繁荣
钟美华 华为技术有限公司培训服务专家委员会主任

10:50-10:56 商业和物流新技能
迈克尔·布拉克斯 克兰菲尔德商学院物流采购供应链管理系主任、英国教育科技协会专家

10:56-11:02 第四次工业革命背景下的教育改革
沈毅伟 马来西亚奎斯特国际大学计算机和工程学院院长

11:02-11:08 数字化改革浪潮下的人才培养与发展
韦青 微软（中国）有限公司首席技术官

11:08-11:14 数字化时代教师职业能力提升及解决方案
张晓蕾 北京信息职业技术学院副院长

11:14-11:20 人才为本，建筑人才培养数字化转型正当时
刘谦 广联达科技股份有限公司党委书记、董事、高级副总裁



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Parallel Session Agenda

Digital Transformation of Vocational Education

Time 09:00-12:00, August 20, 2022

Venue S16-27AB, National Convention and Exhibition Center (Tianjin)

Co-organizers The Chinese Society for Technical and Vocational Education
Chinese Institute of Electronics

Session Affairs Organizer Tianjin Electronic Information College

Parallel Session: Digital Transformation of Vocational Education

In response to the opportunities and challenges of digital innovation development, this session will discuss on utilizing digital transformation as a whole to drive the reform of teaching and governance modes of vocational education and enhance the digital core competencies of technical and skilled talents.

Moderator Wang Tianhong Deputy Secretary-General of the Chinese Institute of Electronics (CIE), China
Liu Jiantong Executive Vice President and Secretary-General of the Chinese Society for Technical and Vocational Education (CSTVE), China

09:00-09:06 Welcome Remarks and Introduction to Participants

Keynote Speech 1

09:06-09:12 Seize the Strategic Opportunities to Enhance the "Scientific Base" of the Development of Vocational Education

Huang Wei Academician of Chinese Academy of Sciences, Director of Academic Committee of Northwestern Polytechnical University, China

09:12-09:18 Accelerating High-Quality Development of Vocational Education via Digital Transformation

Ge Daokai Professor, Head of Jiangsu Education Department, China

09:18-09:24 Digital Learning in Post-Pandemic Technical Vocational Training and Education (TVET)

Foo See-Yeng E-Learning Instructional Designer and Content Editor of SEAMEO VOCTECH

09:24-09:30 Transformation of Talent Cultivation Mode in Higher Vocational Institutions in the Digital Era

Xu Jianling Professor, President of Shenzhen Polytechnic, China

09:30-09:36 Institutional Strategy for Digital Transition Support

Isaka Egurvide Managing Director of Machine Tool Institute, Spain

09:36-09:42 Digital Transformation of Vocational Education and Intelligent Manufacturing

Tang Zhaowu Professor, Secretary of CPC Committee of Zhejiang Institute of Mechanical and Electrical Engineering, China

09:42-09:48 Digital Transformation in Vocational Training

Jan Heinze Managing Director of Heinze Akademie, Germany

09:48-09:54 Internet + Education Reform: Logical Starting Point and Practical Exploration

Lu Kunjian Professor, President of Guangdong Industry Polytechnic, China

09:54-10:00 Digital Enable Development of Professional Accountants for Future

Aileen Cai Regional Head of Education of Association of Chartered Certified Accountants (ACCA), Certified Public Accountant

10:00-10:06 Practice of Nanjing Vocational College of Information Technology : Specialties Upgrading and Digital Transformation

Wang Danzhong Professor, Secretary of CPC Committee of Nanjing Vocational College of Information Technology, China

10:06-10:12 Stratify and Categorize Industry-education Integration to Promote Innovation and Reform of Education

Wang Hui Professor, President of Shenzhen Institute of Information Technology, China

Tea Break

Keynote Speech 2

10:20-10:26 Digital Transformation and the Reform of Zhejiang Vocational Education Model

Chen Da Director of Vocational and Adult Education Division of Zhejiang Provincial Education Department, China

10:26-10:32 Digital Economy and Vocational Education

Liu Jiren Professor, Chairman of Neusoft Corporation, China

10:32-10:38 Thinking and Practices about Project-based Teaching in Digital Talents Training

Chen Tao Senior Engineer, Co-founder of IFLYTEK Co., Ltd. and President of Anhui Institute of Information Technology, China

10:38-10:44 From Industry 4.0 to VE 4.0

Martin Reischer Honorary Professor of Shenzhen Polytechnic, China

10:44-10:50 The 5G Era Calls for a Prosperous Pan-Industry Digital Talent Ecosystem

Zhong Meihua Director of Huawei Learning Service Expert Committee, Huawei Technologies Co., Ltd., China

10:50-10:56 New Skills in Business and Log

Michael Bourlakis Director of the Center of Logistics, Procurement and Supply Chain Management of Cranfield School of Management, Expert of the Association of Education and Technology(AET)

10:56-11:02 Transformation of Education in the Context of Fourth Industrial Revolution

Yee Wai Sim Dean of Faculty of Computing and Engineering of Quest International University, Malaysia

11:02-11:08 Talent Development in the Digital Era

Wei Qing CTO of Microsoft (CHINA) Co., Ltd.

11:08-11:14 Solutions for Improving Teachers' Professional Ability in the Digital Era

Zhang Xiaolei Vice President of Beijing Information Technology College, China

11:14-11:20 Talent Oriented – the Right Time for the Digital Transformation of Construction Talent Cultivation

Liu Qian Secretary of CPC Committee, Director and Senior Vice President of Glodon Co., Ltd., China



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平行论坛议程

“一带一路”合作与 鲁班工坊建设发展论坛

举办时间 2022年8月20日 09:00-11:35

所在场馆 国家会展中心（天津）S16-28AB

协助组织单位 天津职业大学

会务承办单位 天津职业大学

平行论坛：“一带一路”合作与鲁班工坊建设发展论坛

分享与交流鲁班工坊的理念与行动，遵循“共同建设、共促发展、共享成果”基本原则，探索深化鲁班工坊发展模式，丰富鲁班工坊内涵和形式。

主持人 王海龙 天津职业大学党委副书记、研究员

09:00-09:05 主持人致欢迎辞，介绍与会嘉宾

致辞及全国首批鲁班工坊运营项目授牌

09:05-09:10 **李树起** 天津市副市长

09:10-09:15 **方军** 中国教育部国际合作与交流司一级巡视员、副局长

09:15-09:20 **余有根** 中国教育国际交流协会副秘书长

09:20-09:30 全国首批鲁班工坊运营项目授牌仪式
刘利民 中国教育国际交流协会会长

茶歇

专题研讨一 中国的鲁班工坊，世界的鲁班工坊

09:40-09:48 天津鲁班工坊建设标准和发展报告
杨延 天津市鲁班工坊研推中心副主任、教授

09:48-09:56 全球第一所鲁班工坊
玛悠丽 泰国大城技术学院院长

09:56-10:04 葡萄牙鲁班工坊和工业 4.0
约瑟·卢卡斯 葡萄牙塞图巴尔理工学院教授

10:04-10:12 和衷共济 和合共生——鲁班工坊助力构建人类命运共同体
于忠武 天津铁道职业技术学院校长、研究员

10:12-10:20 政校企协同，推动中卢职教合作走深走实——金华职业技术学院卢旺达办学实践
陈海荣 金华职业技术学院副校长、教授

专题研讨二 服务“一带一路”的中国职教国际合作

10:20-10:28 后疫情时代职业教育的发展——新变化、新途径、新技能
索勒赫佐达·乌迈德 塔吉克斯坦共和国工业与新技术部副部长

10:28-10:36 协同推动鲁班工坊走向世界 着力构建“一带一路”人才培养生态雨林
严学斌 中国土木工程集团有限公司党委副书记

10:36-10:44 职业教育促进减除贫困和包容性增长的作用
伊丽莎白·阿得雷蒂 中材国际尼日利亚分公司人力总监

10:44-10:52 政行企校四方联动 打造海外办学多元育人平台
岑咏 宁波职业技术学院副校长、研究员

10:52-11:00 埃及职业培训战略的发展
艾哈迈德·埃尔萨巴格 埃及艾因夏姆斯大学工程学院副院长、教授

专题研讨三 面向未来的鲁班工坊

11:00-11:08 鲁班工坊建设联盟 推动全国鲁班工坊高质量发展
刘斌 鲁班工坊建设联盟理事长、教授

11:08-11:16 EPIP 教学法在埃塞俄比亚鲁班工坊的应用
特舍里·博里查 埃塞俄比亚职业技术培训学院院长

11:16-11:24 聚焦人才培养，坚持“六化并举” 探索应用技术大学鲁班工坊建设新模式
张巾朝 天津中德应用技术大学副校长、研究员

11:24-11:32 塔吉克斯坦鲁班工坊：独特的中亚理念
萨杜洛佐达·沙赫里约尔·萨杜洛 塔吉克斯坦技术大学副校长、副教授

总结

11:32-11:35 总结
王海龙 天津职业大学党委副书记、研究员



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Parallel Session Agenda

“The Belt and Road Initiative” and Luban Workshop

Parallel Session: “The Belt and Road Initiative” and Luban Workshop

Sharing and exchanging the ideas and practices of Luban Workshop, following the basic principle of “joint construction, common development, and shared achievements”, exploring and deepening the development model of Luban Workshop, enriching the connotation and form of Luban Workshop.

Moderator Wang Hailong Professor, Deputy Secretary of the CPC Tianjin Vocational Institute Committee

09:00-09:05 **Welcome Remarks and Introduction to Participants**

Welcome Remarks and Announcement of Luban Workshop Operational Projects

09:05-09:10 Li Shuai Deputy Mayor of Tianjin Municipal People's Government

09:10-09:15 Fang Jun Deputy Director General, Department of International Cooperation and Exchanges, Ministry of Education, China

09:15-09:20 Yu Yougen Deputy Secretary-General, China Education Association for International Exchange

09:20-09:30 **Announcement of Luban Workshop Operational Projects**

Liu Limin President of China Education Association for International Exchange

Tea Break

Seminar 1: China's Luban Workshop, the World's Luban Workshop

09:40-09:48 **Tianjin Luban Workshop Construction Standard and Development Report**

Yang Yan Professor, Deputy Director of Tianjin Luban Workshop Research and Promotion Center, China

09:48-09:56 **The 1st Global Luban Workshop**

Mayuree Sriaboot Director of Ayutthaya Technical College, Thailand

09:56-10:04 **Portuguese Luban Workshop and Industry 4.0**

José Lucas Professor, Polytechnic Institute of Setúbal, Portugal

10:04-10:12 **Luban Workshop Helps Build a Community with a Shared Future for Mankind**

Yu Zhongwu Professor, President of Tianjin Railway Technical & Vocational College, China

10:12-10:20 **Government-School-Enterprise Collaboration to Promote the Concrete China Rwanda Vocational Education Cooperation – the Practice of Jinhua Polytechnic in Rwanda**

Chen Hairong Professor, Vice President of Jinhua Polytechnic, China

Seminar 2: China's International Vocational Cooperation Serving “The Belt and Road Initiative”

10:20-10:28 **The Development of Vocational and Technical Education in the Post-pandemic Era – New Changes, New Approaches and New Skills**

Solehzoda Uméd Deputy Minister, Ministry of Industry and New Technologies of the Republic of Tajikistan

10:28-10:36 **Working Together to Build Up a Global Luban Workshop and an Ecosystem for “Belt and Road Initiative” Talents**

Yan Xuebin Deputy Secretary of CPC Committee of China Civil Engineering Construction Corporation

10:36-10:44 **Vocational Education for Poverty Reduction and Inclusive Growth**

Elizabeth Adereti HR Manager, Sinoma International Engineering Co., Ltd. (Nigeria)

10:44-10:52 **Developing an Inclusive International Education Platform through Government-Industry-Corporate-School Cooperation**

Cen Yong Associate Professor, Vice President of Ningbo Polytechnic, China

10:52-11:00 **Development of Vocational Training Strategy in Egypt**

Ahmed Moneeb Elabbagh Professor, Deputy Dean of Faculty of Engineering, Ain Shams University, Egypt

Seminar 3: Luban Workshop for the Future

11:00-11:08 **Luban Workshop Construction Alliance Promotes the High-Quality Development of Luban Workshop**

Liu Bin Professor, General Director of Luban Workshop Construction Alliance, China

11:08-11:16 **Application of EPIP Model in Ethiopian Luban Workshop**

Teshale Berecha President, Technical and Vocational Training Institute, Ethiopia

11:16-11:24 **Focus on Talents Cultivation, Keep “Six Integration” to Explore a New Model of Luban Workshop Construction Based on University of Applied Sciences**

Zhang Jinguo Professor, Vice President of Tianjin Sino-German University of Applied Sciences, China

11:24-11:32 **Luban Workshop in the Republic of Tajikistan: Unique Concept in Central Asia**

Shahriyor Sadullozoda Associate Professor, Vice Rector of Tajik Technical University named after academician M.S.Osimi, Tajikistan

Summary

11:32 - 11:35 **Summary**

Wang Hailong Professor, Deputy Secretary of the CPC Tianjin Vocational Institute Committee, China

Time 09:00-11:35, August 20, 2022

Venue S16-28AB, National Convention and Exhibition Center (Tianjin)

Co-organizers Tianjin Vocational Institute

Session Affairs Organizer Tianjin Vocational Institute



世界职业技术教育发展大会
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平行论坛议程

全球职业教育 青年教师发展论坛

举办时间 2022年8月20日 09:00-12:00

所在场馆 国家会展中心（天津）S16-29AB

协助组织单位 教育部教师工作司、天津职业技术师范大学

会务承办单位 天津职业技术师范大学

平行论坛：全球职业教育青年教师发展论坛

围绕职业教育青年教师专业化能力体系建设，研讨青年教师专业能力提升、发展路径等，形成国际共识。

主持人 吕景泉 天津职业技术师范大学副校长、教授

09:00-09:05 主持人介绍与会嘉宾

09:05-09:10 天津市副市长朱鹏致辞

09:10-09:15 天津市政协副主席李文海致辞

09:15-09:25 主旨报告：中国职业教育教师队伍建设的经验与展望
任友群 中华人民共和国教育部教师工作司司长

专题研讨一 职业教育教师专业发展的创新实践

09:25-09:33 后疫情时代中国职教教师教育体系的创新发展
张金刚 天津职业技术师范大学党委书记、研究员

09:33-09:41 职业教育教育学科建设
朱旭东 北京师范大学教育学部部长、教授

09:41-09:49 职业教育教师队伍建设的全球议题
袁振国 华东师范大学教育学部主任、教授

09:49-09:57 职业教育教师专业发展
阿米娅·鲍米克 马来西亚林肯大学学院院长、教授

09:57-10:05 中国教学模式在泰国鲁班工坊的运用与推广
哲仁 泰国央湄镇行政管理机构理事会主席、教授

专题研讨二 产业数字化转型与职业教育青年教师专业能力建设

10:05-10:13 数字化与职业教育教师发展
黄维 中国科学院院士、西北工业大学学术委员会主任

10:13-10:21 工程实践创新项目（EPIP）教学模式在职业教育领域的实施与应用
韩士兰 天津职业技术师范大学鲁班工坊国际发展研究中心研究员、埃塞俄比亚联邦职业技术学院机器人研发工程师

10:21-10:29 数字化背景下职教青年教师专业化发展的院校实践
张建军 唐山工业职业技术学院院长、教授

10:29-10:37 教育的影响：技术培训和技能培养项目如何促进“一带一路”合作
明竺 中国与全球化中心研究员

10:37-10:45 产教融合背景下的“双师”队伍建设
于立国 河北石油职业技术大学校长、教授

茶歇

专题研讨三 全球职业教育青年教师培养体系发展

10:55-11:03 职业教育教师培训
史蒂文·罗德斯 英国尼斯港塔伯特学院全球营运副校长

11:03-11:11 高等职业院校促进青年教师全面发展的实践与创新
何辉 浙江建设职业技术学院院长、教授

11:11-11:19 职业教育与培训的创新教学——以瑞士为例
埃里克·斯沃斯 瑞士联邦职业教育研究院国际合作部主任

11:19-11:27 职业教育青年教师培养的中国模式——以天津职业技术师范大学为例
米靖 天津职业技术师范大学职业教育学院院长、研究员

总结



世界职业技术教育发展大会
WORLD VOCATIONAL AND TECHNICAL
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Parallel Session Agenda

Teacher Professional Development in Vocational Education

Time	09:00-12:00, August 20, 2022
Venue	S16-29AB, National Convention and Exhibition Center (Tianjin)
Co-organizers	Department of Teacher Education, Ministry of Education Tianjin University of Technology and Education
Session Affairs Organizer	Tianjin University of Technology and Education

Parallel Session: Teacher Professional Development in Vocational Education

Centering on the construction of young teachers' professional ability system in vocational education, an international consensus will be formed to improve young teachers' professional ability and find a development path for them.

Moderator Lyu Jingqun Professor, Vice President of Tianjin University of Technology and Education, China

09:00-09:05 Introduction to Participants

09:05-09:10 Welcome remarks by Zhu Peng, Vice Mayor of Tianjin

09:10-09:15 Welcome remarks by Li Wenhai, Vice Chairman of Tianjin Municipal Committee of the Chinese People's Political Consultative Conference

09:15-09:25 **Keynote Speech: Experience and Prospects of the Construction of Vocational Education Teachers in China**
Ren Youqun Director of the Department of Teacher Education, Ministry of Education, China

Seminar 1: Innovative Practice of Professional Development of Vocational Education Teachers

09:25-09:33 **The Innovative Development of China's Vocational Teacher Education System in the Post-pandemic Era**
Zhang Jingang Professor, Secretary of CPC Committee, Tianjin University of Technology and Education, China

09:33-09:41 **The Discipline Construction of Vocational Teacher Education**
Zhu Xudong Professor, Director of the Faculty of Education, Beijing Normal University, China

09:41-09:49 **Global Issues of Vocational Teacher Team Construction**
Yuan Zhenguo Professor, Director of the Faculty of Education, East China Normal University, China

09:49-09:57 **Teacher Professional Development in Vocational Education**
Amiya Bhaumik Professor, President of Lincoln University College, Malaysia

09:57-10:05 **Application and Promotion of Chinese Teaching Model in Thailand Luban Workshop**
Janun Youbrum Professor, Chairman of Yangkhao Subdistrict Administrative Organization Council, Thailand

Seminar 2: Industrial Digital Transformation and Professional Capacity Building of Young Teachers in Vocational Education

10:05-10:13 **Digitization and Vocational Education Teacher Development**
Huang Wei Academician of Chinese Academy of Sciences, Director of Academic Committee of Northwestern Polytechnical University, China

10:13-10:21 **Engineering Practice Innovation Project (EPIP) Teaching Model Implementation and Application in Technical and Vocational Education and Training (TVET) Sector**
Handiso Selamu Yisihak Researcher in International Luban Workshop Development Research Center of Tianjin University of Technology and Education and Robot R and D Engineer from the Federal Democratic Republic of Ethiopia Technical and Vocational Training Institute

10:21-10:29 **College Practice for Professional Development of Young Teachers in Digital Background**
Zhang Jianjun Professor, President of Tangshan Polytechnic College, China

10:29-10:37 **Impact through Education: How Technical Training and Skills Development Programs are Facilitating the Belt and Road Cooperation**
Zoon Ahmed Khan Research Fellow at the Center for China and Globalization (CCG)

10:37-10:45 **"Double-qualified" Team Construction under the Background of Integration of Production and Education**
Yu Liguo Professor, President of Hebei Petroleum University of Technology, China

Tea Break

Seminar 3: Development of Global Vocational Education Young Teacher Training System

10:55-11:03 **Teacher Professional Development in Vocational Education**
Steven Rhodes Assistant Principal Worldwide Operations, NPIC Group of Colleges, UK

11:03-11:11 **Practice and Innovation of Promoting the Comprehensive Development of Young Teachers in Higher Vocational Colleges**
He Hui Professor, President of Zhejiang College of Construction, China

11:11-11:19 **Teaching and Training in VET-SWISS CASE**
Eric Swars Head of International Affairs at the Swiss Federal University for Vocational Education and Training (SFUVET)

11:19-11:27 **China Model of the Development of Young Faculty in Vocational Education-The Case of Tianjin University of Technology and Education**
Mi Jing Professor, Dean of School of Vocational Education in Tianjin University of Technology and Education, China

Conclusion



世界职业技术教育发展大会
WORLD VOCATIONAL AND TECHNICAL
EDUCATION DEVELOPMENT CONFERENCE

平行论坛议程

面向未来的职业教育 课程变革论坛

举办时间 2022年8月20日 09:00-12:00

所在场馆 国家会展中心（天津）S16-30AB

协助组织单位 华东师范大学职业教育与成人教育研究所

会务承办单位 天津海运职业学院

平行论坛：面向未来的职业教育课程变革论坛

研讨如何围绕未来经济社会发展需求，设计、实施、评估职业教育的课程，分享各国职业教育课程改革的政策与实践经验，并就面向未来的职业教育课程改革方向达成共识。

主持人 徐国庆 华东师范大学职业教育与成人教育研究所所长、教授

09:00-09:10 主持人致欢迎辞、介绍与会嘉宾

专题研讨一 未来工作挑战与职业教育课程变革

09:10-09:18 什么样的教材是“好教材”？——职业教育教材评价的理论反思
石伟平 华东师范大学终身教授、职业教育与成人教育研究所名誉所长

09:18-09:26 埃及抗击新冠病毒的对策及面向未来的埃及技术与职业教育课程改革
穆罕默德·穆贾希德 教授、埃及教育与技术教育部副部长

09:26-09:34 职业教育国家专业教学标准的建构逻辑
王国川 中华人民共和国教育部行指委工作办公室常务副主任

09:34-09:42 工业 4.0 背景下德国职业教育课程改革的基本特征及启示
徐涵 沈阳师范大学辽宁省职业教育研究院教授

专题研讨二 适应人的发展需要的职业教育课程变革

09:42-09:50 职业能力评价研究
赵志群 北京师范大学教育学部教授

09:50-09:58 天壤之别抑或利益攸关：对职业教育、成人教育和高等教育界限的再思考
苏珊·韦伯 澳大利亚莫纳什大学教育、文化与社会学院教授

09:58-10:06 人本理念与科技范式转型视域下职业本科课程变革的适应性分析
马成荣 南京工业职业技术大学党委常务副书记、二级研究员

10:06-10:14 中等学校、社区 / 技术学院、大学和公司在开发职业 / 生涯路径课程中的作用与合作
克里斯·泽克尔 美国俄亥俄州立大学教育与人类生态学院副教授

茶歇

专题研讨三 职业教育课程建设中的校企合作

10:19-10:27 评价职业知识：什么样的知识是职业能力的基础
费利克斯·劳耐尔 德国不来梅大学技术与教育研究所 (ITB) 创始所长、教授
乌瑟尔·豪斯荣特 德国不来梅大学博士

10:27-10:35 行业积极参与的加拿大高等职业教育课程：以阿尔伯塔省为例
熊杰 加拿大阿尔伯塔省劳工与移民部教育评估专员

10:35-10:43 职业教育四年制学位的选择
吴国民 澳门科技大学教授、酒店与旅游管理学院院长

10:43-10:51 高职院校数字化教学资源开发与实践
郭福春 浙江金融职业学院副院长、教授

课程理论家与课程实践者对话

10:51-11:25 刘佳环 广州番禺职业技术学院副院长、教授
鞠红霞 柳州职业技术学院副院长、教授
董永华 上海第二工业大学附属浦东振华外经职业技术学校校长、高级讲师



世界职业技术教育发展大会
WORLD VOCATIONAL AND TECHNICAL
EDUCATION DEVELOPMENT CONFERENCE

Parallel Session Agenda

Future-oriented Curriculum Reform in Vocational Education

Time 09:00-12:00, August 20, 2022

Venue

S16-30AB, National Convention and
Exhibition Center (Tianjin)

Co-organizers

Institute of Vocational & Adult Education,
East China Normal University

Session Affairs Organizer

Tianjin Maritime College

Parallel Session: Future-oriented Curriculum Reform in Vocational Education

This session facilitates discussions on how to design, implement and evaluate the curriculum of vocational education in the light of the needs of future economic and social development. It is expected to offer a space to scholars, researchers, teachers, policy makers, etc. for sharing their insights into the global policies and practices pertaining to curriculum reform in vocational education and reaching a consensus on the direction of curriculum reform in vocational education for the future.

Moderator Xu Guoqing Professor, Director of Institute of Vocational and Adult Education,
East China Normal University, China

09:00-09:10 Welcome Remarks and Introduction to Invited Speakers

Seminar 1: Future Work Challenges and Curriculum Transformation in Vocational Education

09:10-09:18 **What Kind of Textbook is a "Good Textbook"? - A Theoretical Reflection on the Evaluation of Vocational Education Textbooks**

Shi Weiping Distinguished Professor, Honorary Director of Institute of Vocational and Adult Education, East China Normal University, China

09:18-09:26 **Egypt's Response to Combatting COVID-19 Consequences & Future-Oriented Curriculum Reform in Technical & Vocational Education in Egypt**

Mohamed Megahed Professor, Deputy Minister for Technical Education, Ministry of Education and Technical Education, Egypt

09:26-09:34 **The Logic of Constructing National Professional Teaching Standards for Vocational Education**

Wang Guochuan Executive Deputy Director, Office of Industry Steering Committee of the Ministry of Education of the People's Republic of China

09:34-09:42 **Basic Characteristics and Enlightenment for Germany Vocational Education Curriculum Reformation under Industry 4.0 Background**

Xu Han Professor, Liaoning Vocational Technical Education Institute, Shenyang Normal University, China

Seminar 2: Curriculum Reform in Vocational Education for Accommodating the Needs of Human Development

09:42-09:50 **Research on Evaluation Methods of Professional Competence**

Zhao Zhiquan Professor, Faculty of Education, Beijing Normal University, China

09:50-09:58 **Worlds Apart or Shared Interests: Rethinking the Divisions between Vocational, Adult and Higher Education**

Susan Webb Professor, School of Education, Culture & Society, Monash University, Australia

09:58-10:06 **Adaptation Analysis of Vocational Undergraduate Curriculum Change in the Perspective of Humanistic Concept and Technology Paradigm Transformation**

Ma Chengrong Professor, Deputy Secretary of CPC Committee of the Nanjing Vocational University of Industry Technology, China

10:06-10:14 **Roles and Cooperation between Secondary Schools, Community/Technical Colleges, Universities and Companies in the Development of Vocational/Career Pathway Curriculum**

Chris Zirkle Associate Professor, College of Education and Human Ecology, The Ohio State University, U.S.

Tea Break

Seminar 3: School/College-enterprise Cooperation in the Construction of Vocational Education Curriculum

10:19-10:27 **Assessment of Vocational Knowledge: What Kind of Knowledge Contributes to the Foundation of Vocational Competence**

Felix Rauner Professor, Founding Director of the Institute for Technology and Education (ITE), University of Bremen, Germany
Ursel Hauschildt Ph.D., University of Bremen, Germany

10:27-10:35 **Industry Engagement in Postsecondary-Vocational-Education Curricula in Canada: The Case of Alberta**

Xiong Jie Education Assessor, Ministry of Labour and Immigration, Government of Alberta, Canada

10:35-10:43 **Options of a 4 Year Degree for Vocational Education**

Ben, Goh Kok Beng Professor, Dean of Faculty of Hospitality and Tourism Management, Macau University of Science and Technology, China

10:43-10:51 **Development and Practice of Digital Teaching Resources in Higher Vocational Institutions**

Guo Fuchun Professor, Vice President of Zhejiang Financial College, China

Dialogue between Curriculum Theorists and Practitioners

10:51-11:25 **Liu Jiahuan Professor, Vice President of Guangzhou Parpu Polytechnic, China**

Ju Hongxia Professor, Vice President of Uizhou Vocational and Technical College, China

Dong Yonghua Senior Lecturer, Principal of Pudong Zhenhua Foreign Trade Professional School affiliated to Shanghai Polytechnic University, China



世界职业技术教育发展大会
WORLD VOCATIONAL AND TECHNICAL
EDUCATION DEVELOPMENT CONFERENCE

平行论坛议程

职业教育与产业转型 发展论坛

举办时间 2022年8月20日 09:00-11:35

所在场馆 国家会展中心（天津）S16-31AB

协助组织单位 工业和信息化部教育与考试中心

会务承办单位 天津渤海职业技术学院

平行论坛：职业教育与产业转型发展论坛

研讨产业转型发展，包括产业结构、产业组织、产业规模、产业技术对于职业教育发展的影响，以及职业教育如何在院校治理、专业建设和教师发展等各方面改革创新，以适应并促进产业转型发展。

主持人 左仁贵 工业和信息化部教育与考试中心副主任

09:00-09:05 主持人致欢迎辞，介绍与会嘉宾

专题研讨一 面向产业转型的职业教育适应性研究

09:05-09:13 科特迪瓦工业转型背景下的技术教育和职业培训构想
科菲·恩格桑 科特迪瓦技术教育、职业培训与学习部部长

09:13-09:21 医师协同·双能支撑·帮扶联动：创新能工巧匠培育模式助推产业
档升级
孙卫平 重庆电子工程职业学院党委书记

09:21-09:29 增强职业教育适应性，加快构建现代职业教育体系
年温丹 缅甸科技部职业技术教育与培训司副司长

09:29-09:37 技能协作助力创新
乔纳森·莱杰 英国国际贸易部职业教育专家

09:37-09:45 增强职业教育适应性，加快构建现代职业教育体系
阔川健健 日本 SKO 株式会社社长

09:45-09:53 适应型职教系统和校企合作——南洋理工学院经验
蔡锦平 新加坡南洋理工学院国际部主任

09:53-10:01 柬埔寨的职业技术教育与培训体系和产业转型发展
索克·钱里西 柬埔寨劳动与职业培训部职业技术教育与培训司
特聘职业技术培训师、教育研究顾问、职业技术
培训智库成员

专题研讨二 职业教育人才培养模式变革研究

10:01-10:09 埃及职业技术教育——以埃中应用技术学院（ECCAT）为例
易卜拉欣·穆罕默德·法雷斯 埃中应用技术学院院长

10:09-10:17 职业教育与产业转型发展
李仕伟 拉曼理工大学校长

10:17-10:25 职业教育与产业转型发展
孟山恩 柬埔寨工业技术学院院长

10:25-10:33 “双教”变革，探索网络安全技能人才培养新模式
何新飞 奇安信科技集团股份有限公司副总裁

10:33-10:41 助力产业数字化转型、赋能复合型技术技能人才
郝钊 中兴通讯政企中国副总裁

10:41-10:49 制造业转型发展背景下应用技术型本科院校人才培养模式研究
关志伟 天津中德应用技术大学副校长

专题研讨三 现代职业教育高质量发展研究

10:49-10:57 柬埔寨职业技术教育与培训的数字化
通萨摩 柬埔寨劳动与职业培训部职业技术教育与培训司副司长

10:57-11:05 职业技术教育在现代农业发展中的角色与作用
孟繁锡 英国教育科技协会专家

11:05-11:13 新时期产业转型现状与发展动向
安晖 中国电子信息产业发展研究院副总工程师

11:13-11:21 数字化转型升级背景下关于职业教育提质增效的思考
陶炜 国家工业信息安全发展研究中心系统所所长

11:21-11:29 数字经济崛起与职业教育变革
卢小平 北京信息职业技术学院校长

总结



世界职业技术教育发展大会
WORLD VOCATIONAL AND TECHNICAL
EDUCATION DEVELOPMENT CONFERENCE

Parallel Session Agenda

Vocational Education and Industrial Restructuring

Time	09:00-11:35, August 20, 2022
Venue	S16-31AB, National Convention and Exhibition Center (Tianjin)
Co-organizers	Education & Examination Center of Ministry of Industry and Information Technology
Session Affairs Organizer	Tianjin Bohai Vocational Technical College

Parallel Session: Vocational Education and Industrial Restructuring

This session discusses the impact of industrial restructuring on the development of vocational education, including industrial structure, industrial organization, industrial scale and industrial technology, as well as how vocational education can be reformed and innovated in such aspects as institutional governance, major construction and faculty development to adapt to and facilitate industrial restructuring.

Host Zuo Rengui Deputy Director of Education & Examination Center of Ministry of Industry and Information Technology(CIEAEC)

09:00-09:05 Welcome Remarks and Introduction to Participants

Symposium 1: Research on the Adaptability of Vocational Education for Industrial Transformation

09:05-09:13 **Vision of the METFPA within the Framework of the Industrial Transformation of Côte d'Ivoire**
Koffi N'Guessan Minister of Côte d'Ivoire Ministry of Technical Education, Vocational Training and Apprenticeship (METFPA)

09:13-09:21 **Integration of Craftsmen and Instructors • Dual Capabilities • Coordination of Cultivation and Support: Innovate the Craftsmen Cultivation Mode to Help Upgrade Industries**
Sun Weiping Secretary of the Party Committee of Chongqing College of Electronic Engineering, China

09:21-09:29 **Making Vocational Education more Adaptable and Accelerate the Establishment of Modern Vocational Education System**
Nyan Win Than Deputy Director General of the Department of TVET, Ministry of Science and Technology, Myanmar

09:29-09:37 **Driving Innovation through Skills Collaboration**
Jonathan Ledger TVET Specialist of Department for International Trade, UK

09:37-09:45 **Enhancing the Adaptability of Vocational Education and Accelerating the Construction of a Modern Vocational Education System**
OKAGAWA YUKEN President of SKO Corporation of Japan

09:45-09:53 **Adaptive TVET System and Industry Collaboration—The NYP's Experience**
Chua Gim Peng Senior Manager of Nanyang Polytechnic International, Singapore

09:53-10:01 **TVET System and Industrial Restructuring in Cambodia**
SOK Chanrithy Freelance TVET and Education Researcher/Consultant and Member of TVET Thinktank of Directorate General of TVET of Ministry of Labour and Vocational Training, Cambodia

Symposium 2: Research on the Reform of Talent Training Mode in Vocational Education

10:01-10:09 **Vocational and Technical Education in Egypt with Reference to the Egyptian-Chinese College for Applied Technology (ECCAT)**
Ibrahim Mohamed Fares Dean of Egyptian Chinese College for Applied Technology (ECCAT)

10:09-10:17 **Vocational Education and Industrial Restructuring**
Lee Siz Wei President of Tuniku Abdul Rahman University of Management and Technology, Malaysia

10:17-10:25 **Vocational Education and Industrial Restructuring**
Moan Sam Oeum President of Advanced Institute of Technology, Cambodia

10:25-10:33 **"Double Educators" Reform, Exploring a New Mode of Training Network Security Skills Talents**
He Xinfu Vice President of Qi-ANXIN Group, China

10:33-10:41 **Fuel Industrial Digitalization and Empower Compound Technical Talent**
Hao Zhao Vice President of ZTE China

10:41-10:49 **Research on Talent Cultivation Mode in Application-oriented Undergraduate Universities under the Background of Transformation and Development of Manufacturing Industry**
Guan Zhijuel Vice President of Tianjin Sino-German University of Applied Sciences, China

Symposium 3: Research on the High-quality Development of Modern Vocational Education

10:49-10:57 **Digitalization TVET in Cambodia**
Thorng Simon Deputy Director General of Directorate General of TVET of Ministry of Labour and Vocational Training, Cambodia Vocational Training, Cambodia

10:57-11:05 **Role and Function of Vocational Education in the Development of Modern Agriculture**
Meng Fami Expert of the Association of Education and Technology, UK

11:05-11:13 **The Situation and Development of Industrial Restructuring in the New Era**
An Hui Assistant Chief Engineer of CCID, China

11:13-11:21 **Thoughts on Advancing Quality and Efficiency for Vocational Education under the Background of Digital Transformation and Upgrading**
Tao Wei Director of Institute of Systems of CIC, China

11:21-11:29 **The Rise of Digital Economy and the Vocational Education Reform**
Lu Xiaoping Principal of Beijing Information Technology College, China

Conclusion



世界职业技术教育发展大会
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平行论坛议程

职业院校科学教育 发展论坛

举办时间 2022年8月20日 08:45-11:45

所在场馆 国家会展中心（天津）S16-32AB

协助组织单位 天津中德应用技术大学

会务承办单位 天津中德应用技术大学

平行论坛：职业院校科学教育发展论坛

探讨科学教育在职业教育高质量发展中的重要作用，探究在职业院校人才培养中融入科学教育、科学方法和科学精神的模式与路径，研讨如何激发学生创新意识，拓展创新思维，培养动手能力和创新能力，促进职业教育高质量创新发展。

主持人 张兴会 天津中德应用技术大学党委书记、教授

08:45-08:48 主持人致欢迎辞，介绍与会嘉宾

08:48-08:52 致辞 王旭 天津市委常委、教育工委书记

08:53-08:57 致辞 张卫红 中国科学院院士、西北工业大学副校长

主旨发言一

08:58-09:00 主持人介绍本阶段环节主题

09:00-09:15 有机融入科学教育 助推职业教育高质量创新发展
杨焕明 中国科学院院士、华大基因理事长

09:15-09:30 加快职业技术教育，服务国家“双碳”战略
陈军 中国科学院院士、南开大学副校长

09:30-09:45 科学教育的三位一体：科学史、科学方法与科学知识
张双南 中国科学院高能物理研究所粒子天体物理中心主任、研究员

09:45-09:55 科学教育在职业教育“一体化”教学改革中的作用
卢双盈 天津市科协党组成员、一级巡视员

09:55-10:05 共育AI沃土，人人皆可成才——人工智能时代的人才培养理念与实践
董静 百度在线网络技术（北京）有限公司副总裁

10:05-10:13 科技与教学法支持的协作科学论证
陈文莉 新加坡南洋理工大学副教授

茶歇

主旨发言二

10:28-10:30 主持人介绍本阶段环节主题

10:30-10:40 构建学科和专利竞赛体系 培养学生实践和创新能力
吴敏 中国科学技术大学教授、安徽信息工程学院校长

10:40-10:50 打造技术技能服务平台 助力区域经济高质量发展
潘涌生 天津大学教育学院教授、教育质量管理处副处长

10:50-11:00 “科普-科创-科研”三位一体的航空科教融合育人实践
熊熙 成都航空职业技术学院副院长、教授

11:00-11:10 创新科学教育模式，提高人才培养质量
黄仕初 广东科学技术职业学院党委书记

11:10-11:20 做强平台 创新载体 科学教育与职业教育高质量发展互为驱动的金职实践
成军 金华职业技术学院副院长、教授

11:20-11:28 塔吉克斯坦职业技能教育现状与发展
马姆达利·巴克提耶·那比 塔吉克斯坦矿业冶金学院院长

11:28-11:36 未来科学教育与职业教育高水平发展面临的挑战和实现方法
埃贡·米勒 开姆尼茨工业大学实验与数字工厂负责人、教授

11:36-11:38 总结

11:38-11:45 论坛倡议发布



世界职业技术教育发展大会
WORLD VOCATIONAL AND TECHNICAL
EDUCATION DEVELOPMENT CONFERENCE

Parallel Session Agenda

Science Education Development in Vocational Education Institutions

Time 08:45-11:45, August 20, 2022

Venue S16-32AB, National Convention and Exhibition Center (Tianjin)

Co-organizers Tianjin Sino-German University of Applied Sciences

Session Affairs Organizer Tianjin Sino-German University of Applied Sciences

Parallel Session: Science Education Development in Vocational Education Institutions

This session discusses the importance of science education in the high-quality development of vocational education, explores the modes and paths of integrating science education, scientific methods and scientific spirit in the cultivation of talents in vocational institutions, and discusses how to inspire students' creative thinking and develop their practical and innovative ability to promote the high-quality innovative development of vocational education.

Moderator Zhang Xinghui Professor, Secretary of the CPC Committee of Tianjin Sino-German University of Applied Sciences, China

08:45-08:48 **Welcome Remarks and Introduction to Participants**

08:48-08:52 **Welcome Speech**

Wang Xu Member of the Standing Committee of the CPC Tianjin Municipal Committee, Secretary of Education Working Committee of the CPC Tianjin Municipal Committee

08:53-08:57 **Welcome Speech**

Zhang Weihong Academician of Chinese Academy of Sciences, Vice President of Northwestern Polytechnical University, China

Keynote Speech 1

08:58-09:00 **The Moderator Introduce the Theme of This Section**

09:00-09:15 **Scientific Education Promotes the High-quality and Innovative Development of Vocational Education**

Yang Huanming Professor, Academician of the Chinese Academy of Sciences, Vice Chairman of BGI

09:15-09:30 **Accelerating Vocational and Technical Education to Serve the National "Carbon Peaking and Carbon Neutrality" Goals**

Chen Jun Academician of Chinese Academy of Sciences, Vice President of Nankai University

09:30-09:45 **Trinity of Science Education: History of Science, Scientific Methods and Scientific Knowledge**

Zhang Shuangman Professor, Director of Particle Astrophysical Division, Institute of High Energy Physics, Chinese Academy of Sciences, China

09:45-09:55 **Role of Science Education in the Integrated Teaching Reform of Vocational Education**

Lu Shuangying Member of the CPC Leading Group of Tianjin Association for Science and Technology, First-level Inspector

09:55-10:05 **Cocultivation of AI Fertile Soil, Everyone can Become a Talent -- Talent Training Concept and Practice in the Era of Artificial Intelligence**

Qu Jing Vice President of Baidu, China

10:05-10:13 **Technological and Pedagogical Design for Computer-Supported Collaborative Argumentation in Science Learning**

Chen Wenli Associate Professor of Nanyang Technological University, Singapore

Tea Break

Keynote Speech 2

10:28-10:30 **The Moderator Introduce the Theme of This Section**

10:30-10:40 **Building Discipline and Patent Competition System to Cultivate Students' Practical and Innovative Abilities**

Wu Min Professor of University of Science and Technology of China, President of Anhui Institute of Information Technology

10:40-10:50 **Build Technical Skill Service Platform to Promote the High-Quality Development of the Regional Economy**

Pan Haisheng Professor of School of Education, Deputy Director of Education Quality Management Office, Tianjin University, China

10:50-11:00 **Aviation Education Practice from the Perspective of Science Popularization, Innovation and Research**

Xiong Xi Professor, Vice President of Chengdu Aeronautic Polytechnic, China

11:00-11:10 **Innovate the Scientific Education Model and Improve the Quality of Talent Cultivation**

Huang Shichu Secretary of CPC Committee of Guangdong Polytechnic of Science and Technology, China

11:10-11:20 **Strengthen Platform as Innovation Carrier, Driving the Quality Development with Mutually Motivated Scientific Education and Vocational Education**

Cheng Jun Professor, Vice President of Jinhua Polytechnic, China

11:20-11:28 **Current Situation and Development of Vocational and Technical Education in Tajikistan**

Mahmadali Bakhtiyor Nabi President of Mining-metallurgy Institute of Tajikistan

11:28-11:36 **Challenges and Solutions for the Future High-level Development of Science Education and Vocational Education**

Egon Mueller Professor, Head of Experiment and Digital Factory, Chemnitz University of Technology, Germany

11:36-11:38 **Conclusion**

11:38-11:45 **Release the Initiative of the Session**



世界职业技术教育发展大会
WORLD VOCATIONAL AND TECHNICAL
EDUCATION DEVELOPMENT CONFERENCE

平行论坛议程

人工智能 + 职业教育 创新发展论坛

举办时间 2022年8月20日 14:30-17:40

所在场馆 国家会展中心（天津）S16-27AB

协助组织单位 教育部高等学校科学研究发展中心

会务承办单位 天津医学高等专科学校

平行论坛：人工智能 + 职业教育创新发展论坛

分享人工智能与信息化领域的前沿动态，探讨人工智能背景下的职业价值与职业素养，探索职业教育内容、方式、模式等方面的变革，共同谋划未来职业教育创新发展的策略与路径。

主持人 赵志群 北京师范大学教育学部教授

14:30-14:40 主持人介绍与会嘉宾

14:40-14:50 教育部高等学校科学研究发展中心主任罗方述致欢迎辞

主旨发言

14:50-15:10 职业教育数字化创新：WHY, WHAT, HOW

龚克 中国新一代人工智能发展战略研究院执行院长、教授

15:10-15:30 联合国教科文组织视角下的人工智能与职业技术教育

展涛 联合国教科文组织教育信息技术研究所所长

15:30-15:45 应用人工智能改善和加强教学——新加坡视角

富强 新加坡工艺教育局商业及服务学院副署长

15:45-15:57 变是唯一的不变 人工智能时代对高等职业教育的新要求——教育研究与发展的回应

菲利普·波伦茨 德国马格德堡大学人文社会科学教育学院副院长、教授

15:57-16:09 克诺尔铁路车辆系统——智能技术和技术人员的强化培训

王福岗 德国克诺尔铁路车辆系统工程与创新主管

茶歇

专题研讨

16:15-16:27 利用变换网络改进远程教育

本杰明·因登 德国北黑森应用技术大学技术工程学院副院长、教授

16:27-16:39 高职人工智能专业群建设的思考与实践

田敏 南京信息职业技术学院校长、教授

16:39-16:51 产教融合培育人工智能技术技能人才

马艳军 百度集团 AI 技术生态总经理

16:51-16:59 人工智能对职业教育和培训的影响

克里斯蒂安·李贝特 德国巴登-符腾堡二元制大学教授

16:59-17:11 关于未来人工智能和数字强化教育的思考

保罗·多伊尔 爱尔兰都柏林理工大学计算机科学学院院长、教授

17:11-17:23 人工智能在职业教育实训的应用与发展

项顺 国家职业教育虚拟仿真实训基地总经理

17:23-17:35 开源 AI 算法训练 推动 AI 职教新突破

郑文先 深圳云天励飞技术股份有限公司高级副总裁、高级工程师

总结



世界职业技术教育发展大会
WORLD VOCATIONAL AND TECHNICAL
EDUCATION DEVELOPMENT CONFERENCE

Parallel Session Agenda

Artificial Intelligence Impacts on Innovation in Vocational Education

Time 14:30-17:40, August 20, 2022

Venue S16-27AB, National Convention and
Exhibition Center (Tianjin)

Co-organizers Center for Scientific Research and
Development in Higher Education Institutes,
Ministry of Education, P.R.China (CSRD)

Session Affairs Organizer Tianjin Medical College

Parallel Session: Artificial Intelligence Impacts on Innovation in Vocational Education

To share the cutting-edge trends in artificial intelligence and informatization, discuss the professional value and professional quality against the backdrop of artificial intelligence, explore the transformations of the content and mode of vocational education, and jointly plan the strategies and paths for the innovative development of vocational education in the future.

Moderator Zhao Zhiqun Professor of Faculty of Education, Beijing Normal University, China

14:30-14:40 Introduction to Participants by Moderator

14:40-14:50 Welcome Remarks by Mr. Luo Fangshu, Director of Center for Scientific Research and Development in Higher Education Institutes, Ministry of Education, P.R.China (CSRD)

Keynote Speech

14:50-15:10 Digital Innovation of Vocational Education: WHY, WHAT, HOW

Gong Ke Professor, Executive Director of the Chinese Institute of New Generation Artificial Intelligence Development Strategies (CINGA)

15:10-15:30 Artificial Intelligence (AI) in TVET: UNESCO's Perspective

Zhan Tao Director of UNESCO Institute for Information Technologies in Education (IITE)

15:30-15:45 Using AI Applications to Improve and Enhance Teaching & Learning - A Singapore Perspective

Fu Qiang Deputy Director of the School of Business & Services, Institute of Technical Education, Singapore

15:45-15:57 Change is the Only Constant: New Demands Towards Higher and Vocational Education in an Era of Artificial Intelligence- Responses of Educational Research and Development

Philipp Pohlenz Professor, Vice President of Faculty of Humanities, Social Sciences and Education, Otto von Guericke University Magdeburg (OVGU), Germany

15:57-16:09 Knorr-Bremse Systems for Railway Vehicles - Intelligent Technology & Enhancing Training of Technical Personnel

Wolfgang Paul Straube Head of Engineering & Innovation, Knorr-Bremse Railway Vehicle Systems, Germany

Tea Break

Seminar

16:15-16:27 Improvement of Distance Education by Transformer Networks

Benjamin Inden Professor, Deputy Director of Technology Engineering Department, DIPLOMA University of Applied Sciences North Hesse, Germany

16:27-16:39 Thinking and Practice on the Construction of Artificial Intelligence Major Group in Higher Vocational Education

Tian Min Professor, President of Nanjing Vocational College of Information Technology, China

16:39-16:51 Integration of Industry and Education to Cultivate Talents with AI Technology and Skills

Ma Yanjun General Manager of Baidu AI Platform & Ecosystem, Baidu Inc., China

16:51-16:59 Impacts of Artificial Intelligence on Vocational Education and Training

Christian Liebelt Professor of Baden-Wuerttemberg Cooperative State University (Duale Hochschule Baden-Württemberg / DHBW), Germany

16:59-17:11 Future Thoughts on AI and Digital Enhanced Education

Paul Doyle Professor, Head of the School of Computer Science, Technological University Dublin, Ireland

17:11-17:23 Application and Development of Artificial Intelligence in Vocational Education and Training

Xiang Shun General Manager of National Vocational Education Virtual Simulation Demonstration Training Base, China

17:23-17:35 Open Source AI Algorithm Training Paradigm Is Triggering the Breakthrough of AI Vocational and Technical Education

Zheng Wenxian Senior Engineer, Vice President of Shenzhen Intellifusion Technologies Co., Ltd., China

Conclusion



世界职业技术教育发展大会
WORLD VOCATIONAL AND TECHNICAL
EDUCATION DEVELOPMENT CONFERENCE

平行论坛议程

可持续发展背景下的 全球绿色技能战略论坛

举办时间 2022年8月20日 14:30-17:50

所在场馆 国家会展中心（天津）S16-28AB

协助组织单位 教育部职业教育发展中心

会务承办单位 天津中德应用技术大学

平行论坛：可持续发展背景下的全球绿色技能战略论坛

围绕全球可持续发展目标，确立绿色职教理念，分享绿色技能开发的国际经验，形成国际职业教育绿色发展的模式，倡导职业教育领域可持续发展行动。

主持人 刘育锋 教育部职业教育发展中心国际合作与交流处处长、研究员

14:30-14:35 主持人介绍与会嘉宾和会议议程

14:35-14:45 致欢迎辞
彭斌柏 教育部职业教育发展中心主任

第一阶段 全球视野下的绿色技能开发

14:45-14:55 可持续发展的绿色技能战略
李昌徽 国际劳工组织中国和蒙古国局局长

14:55-15:05 绿色技能和可持续发展
詹姆斯·乔治 联合国开发计划署驻华代表处常驻副代表

15:05-15:15 联合国教科文组织职业技术教育与培训战略（2022-2029年）：
绿色和可持续经济转型
博亨·查克伦 联合国教科文组织总部政策与终身学习系统部主任

15:15-15:25 促进职业技术教育可持续发展技能
夏泽翰 联合国教科文组织驻华代表处主任

15:25-15:35 世界银行在疫情期间及之后推动技能开发的 GRID 模式
肖丽萍 世界银行驻华代表处高级教育专家

第二阶段 绿色技能开发——行业企业的要求与国家的实践

15:35-15:45 绿色创新所需的技能
菲尔·拉文德 澳大利亚国家职业教育研究中心执行经理

15:45-15:55 绿色技术促进职业教育转型
哈罗德·康菲 欧商会中国区董事、基艾弗姆（辽宁）教育公司董事长

15:55-16:05 可持续发展的绿色技能战略
阿斯丽汗·阿利坎 土耳其包装制造商协会秘书长

16:05-16:15 新能源汽车技术
赫伯特·朗斯代尔 英国汽车工业协会全球技能大使

茶歇

第三阶段 绿色技能开发——中国职教的行动

16:25-16:35 绿色技能开发的全球使命和中国方案
曾天山 教育部职业教育发展中心副主任、研究员

16:35-16:45 面向未来的职业教育：可持续发展的绿色技能
玛格丽塔·巴甫洛娃 联合国教科文组织职业技术教育中心主任、
香港教育大学副教授

16:45-16:55 高职院校绿色技能的实践探索——以北京电子科技职业学院
为例
辛秀兰 北京电子科技职业学院副院长、二级教授

16:55-17:05 “绿色技能”战略的金职实践
梁克东 金华职业技术学院校长、研究员

17:05-17:15 积极探索绿色技能培养，助力自贸港可持续发展
张萨萨 海南省技师学院副院长、高级讲师

第四阶段 职业教育开发绿色技能的建议

17:15-17:25 可持续发展目标和绿色化职教与培训
贾科莫·博西奥 联合国教科文职教中心绿色技能开发项目助理

17:25-17:40 现场发言嘉宾讨论：职业教育开发绿色技能建议

17:40-17:50 会议总结
刘宝民 教育部职业教育发展中心副主任



世界职业技术教育发展大会
WORLD VOCATIONAL AND TECHNICAL
EDUCATION DEVELOPMENT CONFERENCE

Parallel Session Agenda

Green Skill Strategy for Sustainable Development

Time 14:30-17:50, August 20, 2022

Venue S16-28AB, National Convention and Exhibition Center (Tianjin)

Co-organizers Center for Vocational Education Development, Ministry of Education, P.R.China (CVED)

Session Affairs Organizer Tianjin Sino-German University of Applied Sciences

Parallel Session: Green Skill Strategy for Sustainable Development

In line with the global sustainable development goals, we will establish the concept of green vocational education, share international experience in the development of green skills, form a green development mode for international vocational education, and advocate actions for sustainable development of vocational education.

Moderator Liu Yufeng Director and Professor of the Division of International Cooperation and Exchange, Center for Vocational Education Development, Ministry of Education, P.R.China(CVED)

14:30-14:35 Introduction to Participants and Agenda by Moderator

14:35-14:45 Welcome Remarks by Mr. Peng Binbai, General Director of Center for Vocational Education Development, Ministry of Education, P.R.China(CVED)

Part 1: Green Skill Development from a Global Perspective

14:45-14:55 **Green Skill Strategy for Sustainable Development**
Changhee Lee Director of ILO Country Office for China and Mongolia

14:55-15:05 **Green Skills and Sustainable Development**
James George UNDP Deputy Resident Representative in China

15:05-15:15 **UNESCO's Global Strategy for TVET 2022-2029, with highlight on Green and sustainable economic transition**
Borhene Chakroun Director of the Director of Policies and Lifelong Learning Systems at UNESCO Headquarters

15:15-15:25 **ESD+TVET Promoting Skills for Sustainable Development**
Shahbaz Khan Director of the UNESCO Beijing Cluster Office

15:25-15:35 **World Bank's GRID Approach for Skills Development during and after Pandemic Period**
Xiao Liping Senior Education Specialist of the World Bank Office, Beijing

Part 2: Green Skill Development - Requirements of Industries and Enterprises and Practices of Countries

15:35-15:45 **Skills for Green Innovation**
Phil Loveder Executive Manager of National Center for Vocational Education Research (NCVER) Australia

15:45-15:55 **Require the Transformation of the Vocational Education with the Green Technologies**
Harald Kumpfert Board Member of European Chamber in China, General Manager of NECreat New Energy Technology Ltd., Co.

15:55-16:05 **Green Skill Strategy for Sustainable Development**
Atilhan Arkan General Secretary of ASD Turkish Packaging Manufacturers Association, Turkey

16:05-16:15 **New Energy Automotive Skills**
Herbert Lonsdale Global Skills Ambassador for the Institute of the Motor Industry (IMI), UK

Tea Break

Part 3: Green Skill Development - The Action of Chinese Vocational Education

16:25-16:35 **Global Mission of Green Skills Development and China's Approach**
Zeng Tianshan Professor, Vice Director of Center for Vocational Education Development, Ministry of Education, P.R.China(CVED)

16:35-16:45 **Future Ready VTE: Green Skills for Sustainable Development**
Margarita Pavlova Director of The UNEVOC Center (Hong Kong), the Associate Professor of the Education University of HK

16:45-16:55 **Practical Exploration of Green Skills in Higher Vocational Colleges-Taking Beijing Polytechnic as an Example**
Xin Xiulan Professor, Vice President of Beijing Polytechnic, China

16:55-17:05 **The Typical Practice of Jinhua Polytechnic on "Green Skills" Strategy Implementation**
Liang Kedong Professor, President of Jinhua Polytechnic, China

17:05-17:15 **Green Skills for Sustainable Development in FTP**
Zhang Sasa Senior Lecturer, Vice President of Hainan Technician College, China

Part 4: Green Skill Development in TVET: Recommendations

17:15-17:25 **SDGs and Greening TVET**
Giacomo Bosio Assistant of Green skills project of UNEVOC

17:25-17:40 **Group Discussion, with the Participation of On-site Speakers**

17:40-17:50 **Summary**
Liu Baomin Vice Director of Center for Vocational Education Development, Ministry of Education, P.R.China (CVED)



世界职业技术教育发展大会
WORLD VOCATIONAL AND TECHNICAL
EDUCATION DEVELOPMENT CONFERENCE

平行论坛议程

中非职业教育 合作与发展论坛

举办时间 2022年8月20日 14:30-17:00

所在场馆 国家会展中心（天津）S16-29AB

协助组织单位
中国教育国际交流协会
天津轻工职业技术学院

会务承办单位 天津轻工职业技术学院

平行论坛：中非职业教育合作与发展论坛

总结中非职教合作经验，积极探索新形势下合作新模式，通过交流机制贡献的智慧和力量，推动构建中非职业教育共同体。

主持人 余有根 中国教育国际交流协会副秘书长

14:30-14:45 领导致辞

杨兵 天津市副市长
阿道夫·姆肯达 坦桑尼亚教育科学技术部部长
刘利民 中国教育国际交流协会会长

14:45-15:05 主旨报告 中非教育合作现状与展望

方军 中国教育部国际合作与交流司一级巡视员、副司长
主旨报告 加强中非职教发展合作，助力非洲可持续发展
刘俊峰 中华人民共和国国家国际发展合作署地区二司司长

主持人 何培 中国教育国际交流协会职业教育与培训部主任

15:05-15:10 成果发布《中非职业教育合作发展研究》

戴裕晟 天津轻工职业技术学院党委书记

专题研讨一 贡献职教智慧，助力经济腾飞

主要内容：分享中国和非洲各国职业教育助力经济社会发展的有效做法，介绍中国职业教育推动减贫脱贫、夯实经济高速发展基础的最佳实践，共同探讨将非洲巨大人口红利转化为发展红利的有效合作途径和行动策略。

15:10-16:00 贺文萍 中国社会科学院西亚非洲研究所研究员（研讨主持人）

扎哈·法勒 非洲技术与应用型大学和学院协会秘书长
刘鸿武 浙江师范大学非洲研究院院长
吕景泉 天津职业技术师范大学副校长
本杰明·莫伊格农 加蓬职业教育部总学监
互动讨论

专题研讨二 职业教育创新发展，强技赋能Z世代

主要内容：聚焦中非Z世代和青年人群，共同探讨新技术革命背景下通过产教融合、创新创业、教学改革、教师能力提升等，提高职业教育适应性、赋能未来劳动者、提升就业质量和生活福祉的有效路径。

16:00-16:58 戴裕晟 天津轻工职业技术学院党委书记（研讨主持人）

特舍里·博里查 埃塞俄比亚职业技术培训学校校长
刘建超 成都航空职业技术学院校长
奥塞依·乌萨阿齐奥 加纳库马西技术大学校长
易俊 重庆工程职业技术学院党委书记
法里罗·康杜尔 塞内加尔圣路易理工学院院长
互动讨论

总结

16:58-17:00 何培 中国教育国际交流协会职业教育与培训部主任



世界职业技术教育发展大会
WORLD VOCATIONAL AND TECHNICAL
EDUCATION DEVELOPMENT CONFERENCE

Parallel Session Agenda

China-Africa TVET Cooperation Forum

Time	14:30-17:00, August 20, 2022
Venue	S16-29AB, National Convention and Exhibition Center (Tianjin)
Co-organizers	China Education Association for International Exchange Tianjin Light Industry Vocational Technical College
Session Affairs Organizer	Tianjin Light Industry Vocational Technical College

Parallel Session: China-Africa TVET Cooperation Forum

To review and scale up successful experiences of China-Africa TVET cooperation, brainstorm and explore innovative partnerships under new circumstances, and contribute to an even closer China-Africa TVET community with shared interests, joint efforts and substantial collaboration.

Moderator Yu Yougen Deputy Secretary-General, China Education Association for International Exchange (CEAIE)

14:30-14:45 Welcome Remarks

Yang Bing Deputy Mayor of Tianjin Municipality
Adolf Mikenda Minister of Education, Science, Technology, Tanzania
Liu Limin President of China Education Association for International Exchange (CEAIE)

14:45-15:05 Keynote Speech

China-Africa Education Cooperation: Achievements and Prospects

Fang Jun Deputy Director General, Department of International Cooperation and Exchanges, Ministry of Education, China

Keynote Speech

Strengthen China and Africa's Development Cooperation in TVET to Contribute Africa's Sustainable Development

Liu Junfeng Director General, Second Department of Regional Affairs, China International Development Cooperation Agency

Moderator He Pei Director, Department of Vocational Education and Professional Training of China Education Association for International Exchange (CEAIE)

15:05-15:10 Launch of Research Report

A Study on China-Africa Vocational Education Cooperation

Dai Yuwei Secretary of CPC Committee of Tianjin Light Industry Vocational Technical College, China

Panel Discussion 1: TVET An Impetus to Economic Growth

Theme: Sharing successful experiences of TVET supporting socioeconomic development and contributing to poverty reduction in China and Africa, and brainstorming on effective cooperation to transform Africa's huge demographic dividend into development impetus.

15:10-16:00 He Wenping Researcher of Institute of West-Asian and African Studies (IWAAS), Chinese Academy of Social Sciences (CASS), (Moderator)

Jahou Samba Faal Secretary General of Association of Technical Universities and Polytechnics in Africa (ATUPA), Gambia

Liu Hongwu Director of Institute of African Studies, Zhejiang Normal University, China

Lu Jingquan Vice President of Tianjin University of Technology and Education, China

Benjamin Maignon Senior Pedagogical Inspector of Minister of Vocational Training, Gabon

Q & A and Discussion

Panel Discussion 2: TVET Innovation Empowers Generation Z

Theme: Focusing on Generation Z and youth in China and Africa, discussing how to improve TVET adaptability, empower future labor force and enhance employment and well-being through industry-education integration, innovation and entrepreneurship, teaching-learning reform and faculty capacity building in the context of technological transformation.

16:00-16:58 Dai Yuwei Secretary of CPC Committee of Tianjin Light Industry Vocational Technical College, China (Moderator)

Teshale Berecha Director General of the Federal Democratic Republic of Ethiopia Technical and Vocational Training Institute

Liu Jianchao President of Chengdu Aeronautics Polytechnic, China

Osei Wusu-Achaw Vice Chancellor of Kumasi Technical University, Ghana

Yi Jun Secretary of CPC Committee of Chongqing Vocational Institute of Engineering, China

Fallou Coundoul Director of Saint Louis Polytechnic, Senegal

Q & A and Discussion

Closing

16:58-17:00 He Pei Director, Department of Vocational Education and Professional Training of China Education Association for International Exchange (CEAIE)



世界职业技术教育发展大会
WORLD VOCATIONAL AND TECHNICAL
EDUCATION DEVELOPMENT CONFERENCE

平行论坛议程

普通（学术）教育 与职业教育 协调发展论坛

举办时间 2022年8月20日 14:30-17:00

所在场馆 国家会展中心（天津）S16-30AB

协助组织单位 北京大学教育经济研究所

会务承办单位 天津第一商业学校

平行论坛：普通（学术）教育与职业教育协调发展论坛

分享各国普职协调发展的经验，强调产教融合与产学研协同创新，推动现代职业教育体系构建。

主持人 哈巍 北京大学教育学院副院长、长聘副教授

14:30-14:40 北京大学教育学院院长、联合国教科文组织亚太地区高等教育讲席阎凤桥教授致欢迎辞

专题研讨一 普通教育与职业教育协调发展的区域治理模式研究

14:40-14:50 全面审视普通教育与职业教育协调发展
玛拉·布鲁贾 欧洲职业培训发展中心副所长

14:50-15:00 亚洲职业教育与普通教育协调发展经验
杨钊 北京大学教育经济研究所管理委员会委员、长聘副教授

15:00-15:10 后疫情时代技能发展的挑战
金亮 亚洲基础设施投资银行社会基础设施局局长

15:10-15:20 职业教育的机遇与挑战：南亚的经验
李善华 亚洲开发银行社会部门首席专家

15:20-15:30 互动讨论

专题研讨二 普职协调发展的国际比较研究

15:30-15:40 普职协调发展：中德比较与互鉴
谢莉花 同济大学职业技术教育学院副教授

15:40-15:50 ABG-CM 在加强职业教育中的角色
李健 印尼文化与教育部工商合作伙伴与协调司行政主管

15:50-16:00 亚洲开发银行支持中国 TVET 的项目经验
卢兰兰 亚洲开发银行高级项目官

16:00-16:15 互动讨论

专题研讨三 普职协调下的现代职业教育体系深度优化研究

16:15-16:25 中国职业教育贯通培养体系
孙善学 中国职业技术教育学会副会长、北京外国语大学教授

16:25-16:35 STEM 教育与职业教育
托马斯·雷明顿 美国哈佛大学政府系访问教授
埃默里大学政治学系古德里奇·C·怀特名誉
荣休教授

讨论与总结



世界职业技术教育发展大会
WORLD VOCATIONAL AND TECHNICAL
EDUCATION DEVELOPMENT CONFERENCE

Parallel Session Agenda

Integration of Academic and Vocational Education

Time 14:30-17:00, August 20, 2022

Venue S16-30AB, National Convention and
Exhibition Center (Tianjin)

Co-organizers Institute of Economics of Education,
Peking University

Session Affairs Organizer Tianjin the First Commercial School

Parallel Session: Integration of Academic and Vocational Education

Sharing global experience of the coordinated development of academic and vocational education, emphasizing industry/education integration and industry-university-research (IUR) collaborative innovation, and building a modern vocational education system.

Moderator Ha Wei Associate Dean and Tenured Associate Professor of Graduate School of Education, Peking University, China

14:30-14:40 Welcome Remarks by Professor Yan Fengqiao, Dean of Graduate School of Education, Peking University, China, and UNESCO Chair on Higher Education in Asia and the Pacific

Seminar 1: Study on Regional Governance Model for Integration of Academic and Vocational Education

14:40-14:50 **Vocational Education and Training (VET) and Academic Education: A Holistic Perspective**
Mara Brugia Deputy Director, European Center for the Development of Vocational Training (CEDEFOP)

14:50-15:00 **Integrating Vocational and General Education in Asian Economies**
Yang Po Member of the Steering Committee and Tenured Associate Professor of Institute of Economics of Education, Peking University, China

15:00-15:10 **Challenges to Skills Development in the Post Pandemic Era**
Hun Kim Director General of Social Infrastructure Department, Asian Infrastructure Investment Bank (AIIB)

15:10-15:20 **Challenges and Opportunities for Vocational Education: Experiences from South Asia**
Sunhwa Lee Principal Social Sector Specialist, Asian Development Bank

15:20-15:30 Discussion

Seminar 2: International Comparative Study on Integration of Academic and Vocational Education

15:30-15:40 **Coordinated Development of General Education and Vocational Education: Comparison and Mutual Learning Between China and Germany**
Xie Lihua Associate Professor, Institute of Vocational Education, Tongji University, China

15:40-15:50 **The Role of ABG-CM in Strengthening Vocational Education**
Yudli Chatm Head of Administration of Directorate of Partnership and Alignment of Vocational Education with Business and Industry, Indonesia

15:50-16:00 **ADB Project Experiences to Support TVET Sector Development in the PRC**
Lu Lanlan Senior Project Officer, Asian Development Bank

16:00-16:15 Discussion

Seminar 3: Research on Deep Optimization of Modern Vocational Education System Under Integration of Academic and Vocational Education

16:15-16:25 **Vocational Education Through Training System**
Sun Shanxue Vice President of the Chinese Society for Technical and Vocational Education, Professor of Beijing Foreign Studies University

16:25-16:35 **STEM Education and TVET**
Thomas F Remington Visiting Professor of Department of Government, Harvard University,
Goodrich C. White Professor (Emeritus) of Political Science,
Emory University

Conclusion



世界职业技术教育发展大会
WORLD VOCATIONAL AND TECHNICAL
EDUCATION DEVELOPMENT CONFERENCE

平行论坛议程

技能重塑与 终身学习论坛

举办时间 2022年8月20日 14:30-17:00

所在场馆 国家会展中心(天津) S16-31AB

协助组织单位 国家开放大学

会务承办单位 天津市职业学院

平行论坛：技能重塑与终身学习论坛

交流各国技能体系建设经验，以“社会崇尚技能”为价值导向，分析新时期技能型国家、城市和建设的途径和策略，推动全民终身学习，共同探讨构建人类技能共同体。

主持人 范贤睿 国家开放大学副校长

14:30-14:40 国家开放大学党委书记、校长**荆德刚**致欢迎辞

专题研讨一 数字时代下的技能重塑

14:40-14:50 拓展高等教育范围：从学位教育到灵活的技能重塑与技能提升
大卫·阿乔莱纳 联合国教科文组织终身学习研究所所长

14:50-15:00 技能教育与培训的新使命
高文兵 中国成人教育协会会长

15:00-15:10 泰国的技能重塑与终身学习
陈善意 泰国驻华大使馆科技处公使衔参赞

15:10-15:20 技能重塑与终身学习
拉明 B. 曼内 冈比亚国家认证与质量保证委员会质量保证部主任

15:20-15:30 面向未来的职业成功技能
乔纳森·莱杰 英国国际贸易部职业教育与技能培训专家、专业特许协会专家

15:30-15:40 数字时代终身教育面临的挑战
马尔西奥·波赫曼 巴西卢拉研究所所长

15:40-15:50 大力发展技工教育
王飞 中华人民共和国人力资源和社会保障部职业能力建设司处长

茶歇

专题研讨二 地域与行业视角下的终身学习

16:00-16:10 金融行业技能重塑和技能提升的终身学习
西蒙·库尔汉 英国特许证券与投资协会首席执行官

16:10-16:20 香港职业专才教育：挑战与策略
林群声 香港都会大学校长

16:20-16:30 新时代城市终身职业技能培训体系的建构
程洪莉 中关村学院院长、研究员

16:30-16:40 新西兰视角下的终身学习
约翰·克莱顿 新西兰国立毛利大学讲席教授

16:40-16:50 通识化与专业化：职业体系中的技能提升与重塑
德鲁·布里 瑞士技能联合会主席

讨论与总结



世界职业技术教育发展大会
WORLD VOCATIONAL AND TECHNICAL
EDUCATION DEVELOPMENT CONFERENCE

Parallel Session Agenda

Reskilling and Upskilling for Lifelong Learning

Time 14:30-17:00, August 20, 2022

Venue S16-31AB, National Convention and
Exhibition Center (Tianjin)

Co-organizers The Open University of China

Session Affairs Organizer Tianjin City Vocational College

Parallel Session: Reskilling and Upskilling for Lifelong Learning

Sharing the global experience of developing skills systems, fostering a value orientation of "giving skills social respect", analyzing ways and strategies of developing skilled countries and cities in the new era, and promoting lifelong learning for all exploring ways to build a community with shared skills for mankind.

Moderator Fan Xianrui Vice President of the Open University of China

14:30-14:40 Welcome Remarks
Jing Degang President of the Open University of China

Seminar 1: Reskilling and Upskilling in the Digital Era

14:40-14:50 Broadening the Scope of Higher Education: From Degrees to Flexible Reskilling and Upskilling
David Atchoarena Director of UNESCO Institute for Lifelong Learning

14:50-15:00 New Mission of Skill Education and Training
Gao Wenbing President of China Adult Education Association

15:00-15:10 Reskilling and Upskilling for Lifelong Learning in Thailand
Pasupha Chinwarasopak Minister Counsellor (Science and Technology) of Royal Thai Embassy,
Beijing

15:10-15:20 Reskilling and Upskilling for Lifelong Learning
Lamin B. Manneh Director of Quality Assurance, National Accreditation and Quality Assurance
Authority (NAQAA), Gambia

15:20-15:30 Future Proof Skills for Successful Careers
Jonathan Ledger TVET and Chartered Bodies Specialist, Department for International Trade, UK

15:30-15:40 The Challenge of Lifelong Education in the Digital Age
Marcio Pochmann President of the Institute of Lula, Brazil

15:40-15:50 Vigorously Advance the Development of Technical Education
Wang Fei Director of Department of Vocational Capacity Building, Ministry of Human Resources
and Social Security of the People's Republic of China

Tea Break

Seminar 2: Geography and Industry Specific Lifelong Learning

16:00-16:10 Reskilling and Upskilling for Lifelong Learning in Financial Industry
Simon Cullhane Chief Executive of the Chartered Institute for Securities and Investment, UK

16:10-16:20 Vocational and Professional Education in Hong Kong: Challenges and Strategies
Paul LAM Kwan-sing President of Hong Kong Metropolitan University, China

16:20-16:30 Construction of Training System for Urban Lifelong Vocational Skills in the New Era
Cheng Hongli Research Fellow, Principal of Zhongguancun Institute, China

16:30-16:40 Lifelong Learning: a New Zealand View
John Clayton The Mark Laws Endowed Chair of Te Whare Wānanga o Awanuiāraangi, New Zealand

16:40-16:50 Generalization and Specialization: Up- and Re-skilling in Occupational Systems
André Burri Director of SwissSkills, Switzerland

Discussion and Conclusion



世界职业技术教育发展大会
WORLD VOCATIONAL AND TECHNICAL
EDUCATION DEVELOPMENT CONFERENCE

平行论坛议程

职业教育助推 全球减贫进程论坛

举办时间 2022年8月20日 14:30-17:20

所在场馆 国家会展中心（天津）S16-32AB

协助组织单位 北京师范大学中国扶贫研究院

会务承办单位 天津机电职业技术学院

平行论坛：职业教育助推全球减贫进程论坛

分享各国技能减贫有效做法，介绍中国职业教育助力脱贫攻坚案例，共同探讨职业教育助推国际减贫行动策略。

主持人 **张琦** 北京师范大学经济与资源管理研究院党总支书记、教授
中国扶贫研究院院长
中国乡村振兴与发展研究中心主任

14:30-14:40 主持人致欢迎辞，介绍与会嘉宾

专题研讨一 职业教育助推全球减贫的政策及国际经验

14:40-14:46 雨霁计划：职教赋能就业增收
延欣 国家乡村振兴局考核评估司副司长

14:46-14:52 如何大规模、低成本、高效率地培养乡村振兴人才
汤敏 国务院参事、友成基金会副理事长

14:52-14:58 教育在消除贫穷方面的角色
布鲁纳·卡拉多 荷兰马斯特里赫特大学博士

14:58-15:04 减贫与包容性增长
萧进平 马来西亚国际文化交流中心首席顾问、拿督

15:04-15:10 瑞士发展合作组织中的职业技能发展
迪帕克·埃尔德默 瑞士发展与合作署经济与教育科科长

15:10-15:16 教育创新为全球减贫之催化剂
陈炳雄 香港大学亚洲创业及营商价值中心副总监、教授

15:16-15:22 通过技术教育、职业和创业培训解决青年失业问题
克利奥法斯·高井佐 赞比亚技术教育、职业和创业培训局局长

15:22-15:28 将学术和职业教育纳入乌干达教育体系
奥斯瓦尔德·恩多勒里尔 乌干达鲁扬子理工学院院长、教授

15:28-15:34 作为中刚友谊的成果，CDA孔子学院对刚果民主共和国减贫及其在职业培训中的地位与影响
巴卡图拉·恩祖齐·玛丽·玛德琳 刚果外交学院外事事务司司长

15:34-15:40 职业教育对乡村振兴的贡献：总体构想与特定情形
迈克尔·克劳斯 德国汉斯·赛德尔基金会在华农村发展项目首席代表

15:40-15:46 值得进行的对话：使学习计划与社会和行业需求保持一致
卡洛斯·欣里希森 智利圣塞瓦斯蒂安大学数字设计与创意产业学院院长、教授

茶饮

专题研讨二 职业教育助力减贫的理论与中国实践创新

15:56-16:02 职教一人，脱贫一户——云南职教扶贫精准阻断贫困代际传递
宁亚宁 云南省乡村振兴局副局长

16:02-16:08 贵州省职业教育助推脱贫增收的实践
杨天仪 贵州省教育厅副厅长、研究员

16:08-16:14 精准扶贫中的职教作为——北京市昌平职业学校的理论与实践
段福生 北京市昌平职业学校校长、正高级教师

16:14-16:20 职业教育扶贫减贫的内在优势与行动机理
李兴洲 北京师范大学中国乡村教育研究中心主任、教授

16:20-16:26 数字化学习助力乡村减贫
单从凯 国家开放大学国家数字化学习资源中心主任、教授

16:26-16:32 贫困的个体归因与职业教育终身化应对策略
史枫 北京教育科学研究院终身学习与可持续发展教育研究所所长

16:32-16:38 发挥职业教育优势，助力秦巴山区乡村振兴
余德华 汉中职业技术学院党委书记、研究员

16:38-16:44 “一带一路”职业教育合作与教育援助
苑大勇 北京外国语大学国际教育学院副院长

16:44-16:50 多措并举 助力乡村人才振兴
范勇毅 兴安职业技术学院党委副书记、院长

16:50-16:56 践行孔繁森精神“雨露计划”赋能减贫
刘德云 聊城市技师学院党委副书记、院长、教授

16:56-17:02 拉丁美洲的贫困与高等教育：一个统计方法
达莎·桑切斯·马克西莫娃 厄瓜多尔大都设计学院教授

17:02-17:08 工业化及其减贫机理
瑞查德·斯蒂文 澳大利亚堪培拉大学校长及理事

总结



世界职业技术教育发展大会
WORLD VOCATIONAL AND TECHNICAL
EDUCATION DEVELOPMENT CONFERENCE

Parallel Session Agenda

Vocational Education for Poverty Reduction and Inclusive Growth

Time 14:30-17:20, August 20, 2022

Venue S16-32AB, National Convention and Exhibition Center (Tianjin)

Co-organizers China Institute for Poverty Reduction, Beijing Normal University

Session Affairs Organizer Tianjin Vocational College of Mechanics and Electricity

Parallel Session: Vocational Education for Poverty Reduction and Inclusive Growth

Sharing effective global practice of reducing poverty through skills, introducing China's cases of how vocational education facilitates poverty reduction, and discussing the action strategies of vocational education in promoting international poverty reduction.

Moderator Zhang Qi Secretary of CPC General Branch and Professor of the School of Economics and Resource Management of Beijing Normal University, President of China Institute for Poverty Reduction, and Director of China Rural Revitalization and Development Research Center

14:30-14:40 The moderator delivered a welcome speech and introduced the guests

Seminar 1: Policies and International Experiences of Vocational Education for Global Poverty Reduction

14:40-14:46 **Dewdrop Project: Vocational Education Promotes Employment and An Increase in Income**
Yan Xin Deputy Director General of the Assessment and Evaluation Department of the National Rural Revitalization Bureau, China

14:46-14:52 **How to Train Rural Revitalization Talents on a Large scale, at Low Cost and with High Efficiency?**
Tang Min Counselor of the State Council, Vice Chairman of Youcheng Foundation, China

14:52-14:58 **The Role of Professional Education in Poverty Reduction**
Bruna Calado Ph.D. of Maastricht University, the Netherlands

14:58-15:04 **Poverty Reduction and Inclusive Growth**
Slow Chen Pin Nato, Advisor of International Cultural Communication Center, Malaysia

15:04-15:10 **Vocational Skills Development in Swiss Development Cooperation Organization**
Diepach Elmer Head of Section Economy and Education of the Swiss Agency for Development and Cooperation

15:10-15:16 **Education Innovation as a Catalyst for Poverty Alleviation**
Chen Binglong Associate Director and Professor, Asian Center for Entrepreneurship and Business Value, The University of Hong Kong, China

15:16-15:22 **Tackling Youth Unemployment Through Technical Education, Vocational and Entrepreneurship Training (TEVET)**
Cleophas Takatza Director General of Technical Education, Vocational and Entrepreneurship Training Authority (TEVETA), Zambia

15:22-15:28 **Integration of Academic and Vocational Education in the Uganda Education System**
Oswald Ndolerire Professor, Principal of Luyanzi Institute of Technology, Uganda

15:28-15:34 **Impact of the Confucius Institute of the Congolese Diplomatic Academy, fruit of the Sino-Congolese friendship, on poverty reduction and its place in professional training in the DRC**
Bakatala Nzuzi Marie Madeleine Head of the Congolese Diplomatic Academy

15:34-15:40 **Contribution of Vocational Education to Rural Revitalization: General Thoughts and Situation Adaptions in China**
Michael Klaus Chief Representative of the Hans Seidel Foundation's Rural Development Projects in China

15:40-15:46 **Dialogues Worth Having: Aligning Study Programs with Society and Industry Needs**
Carlos Hinrichsen Professor and Director of School of Digital Design and Creative Industries at the San Sebastian University, Chile

Tea Break

Seminar 2: Vocational Education Promotes the Theoretical and Practical Innovations of Poverty Reduction

15:56-16:02 **One Person Engages in Vocational Education Means that One Household Is Lifted out of Poverty-Yunnan Implements Targeted Poverty Alleviation Through Vocational Education to Prevent the Intergenerational Transmission of Poverty**
Ning Yanying Deputy Director of Rural Revitalization Bureau of Yunnan Province, China

16:02-16:08 **The Practice of Vocational Education in Guizhou Province to Promote Poverty Alleviation and Income Increase**
Yang Tianyi Professor, Deputy Director-General of the Department of Education of Guizhou Province, China

16:08-16:14 **The Contribution of Vocational Education in Precision Poverty Alleviation—The Thinking and Practice of Beijing Changing Vocational School**
Duan Fusheng Senior Teacher, Principal of Beijing Changing Vocational School, China

16:14-16:20 **Internal Advantages and Action Mechanism of Poverty Reduction by Vocational Education**
Li Xingzhou Professor and Director of China Rural Education Research Center, Beijing Normal University, China

16:20-16:26 **Digital Learning Helps Rural Poverty Alleviation**
Shan Congkai Professor, Director of the National Digital Learning Resource Center of the National Open University, China

16:26-16:32 **Individual Attribution of Poverty and Coping Strategies of Lifelong Vocational Education**
Shi Feng Director of the Institute of Lifelong Learning and Education for Sustainable Development, Beijing Academy of Educational Sciences, China

16:32-16:38 **Exertion of Advantages of Vocational Education and Helping Rural Revitalization in Qinba Mountain Area**
Yu Dehua Professor and Secretary of CPC Committee of Harzhong Vocational and Technical College, China

16:38-16:44 **Vocational Education Cooperation and Aid to Educational Development Under the Framework of the Belt and Road**
Yuan Dayong Deputy Dean of Graduate School of Education, Beijing Foreign Studies University, China

16:44-16:50 **The College Takes Multiple Measures to Help Rural Talents Revitalize**
Fan Yongyi Professor, Deputy Secretary of CPC Committee and President of Xing An Vocational and Technical College, China

16:50-16:56 **Uphold the Kong Fansen Spirit and Achieve Poverty Alleviation by Teaching Skills Under the Framework of Dewdrop Project**
Liu Deyun Professor, Deputy Secretary of CPC Committee and President of Liaocheng Technicians College, China

16:56-17:02 **Poverty and Higher Education in Latin-America: A Statistical Approach**
Dasha Sánchez Maximova Professor of Metropolitan Institute of Design, Quito, Ecuador

17:02-17:08 **Industrialization and its Poverty Reduction Mechanism**
Richard Stevenson President and Director of University of Carbera, Australia

Conclusion



世界职业技术教育发展大会
WORLD VOCATIONAL AND TECHNICAL
EDUCATION DEVELOPMENT CONFERENCE

平行论坛议程

职业教育校企协同 育人模式创新论坛

举办时间 2022年8月20日 14:30-17:30

所在场馆 国家会展中心（天津）S16-26

协助组织单位 南京工业职业技术学院

会务承办单位 天津铁道职业技术学院

平行论坛：职业教育校企协同育人模式创新论坛

分享各国校企协同育人的最新政策与最佳实践，如何融合学校与企业的资源、文化以及管理优势，促进职业教育的创新发展。

主持人 吴学敏 南京工业职业技术学院党委书记、教授

14:30-14:32 主持人致欢迎辞、介绍与会嘉宾

14:32-14:40 **林宇** 中华人民共和国教育部职业与成人教育司副司长

主旨发言

14:40-14:55 **手脑并用 创造分析——践行习近平总书记回信精神 为构建人类命运共同体培养人才**

柯马凯 中国工会国际委员会主席、北京培黎职业学院理事

14:55-15:03 **后疫情时代塔吉克斯坦职业教育的发展**

阿卜杜霍里克佐达·鲁特菲亚 塔吉克斯坦教育部副部长

15:03-15:11 **新加坡对产学研合作教育模式创新的看法**

陈理圣 新加坡教育部高教规划司司长

15:11-15:19 **中国特色学徒制的实践与探索**

方乃纯 中华职教社党组书记、总干事

15:19-15:27 **推动中国航天制造业劳动力转型**

李安 英国皇家航空学会中国荣誉主席

15:27-15:35 **精雕细琢分层育匠才**

张保全 北京精雕科技集团有限公司执行总裁

15:35-15:43 **空客与高校的校企合作**

傅睿楠 空客（天津）总装有限公司总经理

15:43-15:51 **缅甸技术和职业教育与培训的转型**

赛觉·奈乌 缅甸技术和职业教育与培训司司长

专题研讨

15:51-15:59 **“三型协同”跨境校企合作培养人才探索**

谢永华 南京工业职业技术学院校长、教授

15:59-16:07 **中文+职业教育在柬埔寨的实施**

郑棉发 柬华理事总会常务副会长

16:07-16:15 **中国职业教育校企双元育人的政策与实践**

那晖 国家教育行政学院学术委员会主任、教授

16:15-16:23 **学习德国职业教育校企合作新思考**

施泰德 德国汉斯·赛德尔基金会上海办事处首席代表

16:23-16:31 **校企协同育人：华为 ICT 数字化人才培养实践**

党海波 华为技术有限公司人才发展部教育业务总经理、高级工程师

16:31-16:39 **加强校企合作 加速学生成功**

周琳 美国贝茨技术学院院长、首席执行官

16:39-16:49 **职教本科办学成果发布**

茶歇

现场对话

16:55-16:58 **发挥企业办学主体作用，创新校企联合育人机制**

宋凯 有色金属工业人才中心副主任、高级工程师

16:58-17:01 **校企合作，为赞比亚培养高技能人才而努力**

亚姆夫瓦 中国——赞比亚职业技术学院中方校长

17:01-17:04 **校企“双主体”育人 提高人才培养适应性**

程时兴 武汉铁路职业技术学院校长

17:04-17:07 **用中国实践 育数智新人——用友产教融合最佳实践分享**

陈强兵 用友集团新道科技股份有限公司董事长

17:07-17:10 **博世学徒制和一线人才发展**

安德睿 博世汽车部件（苏州）有限公司执行总裁

17:10-17:13 **连接黄河与赞比西河的人才培养驿站——校企协同培养水利国际化技能人才模式探索与实践**

周保平 黄河水利职业技术学院党委书记、教授

17:13-17:16 **产学合作——新西兰的经验分享**

马克·奥尔德肖 惠灵顿理工学院首席执行官、维多利亚理工大学首席执行官

17:16-17:27 **对话嘉宾互动**

总结



世界职业技术教育发展大会
WORLD VOCATIONAL AND TECHNICAL
EDUCATION DEVELOPMENT CONFERENCE

Parallel Session Agenda

Innovation in Modes of Education Delivered through Academia-Industry Collaboration

Time 14:30-17:30, August 20, 2022

Venue S16-26, National Convention and Exhibition Center (Tianjin)

Co-organizers Nanjing Vocational University of Industry Technology

Session Affairs Organizer Tianjin Railway Technical and Vocational College

Parallel Session: Innovation in Modes of Education Delivered through Academia-Industry Collaboration

This session discusses the latest policies and best practices of school-enterprise education mode in different countries, and how to integrate the resources, culture and management advantages of schools and enterprises to promote the innovative development of vocational education.

Moderator Wu Xuemin Professor, Secretary of CPC Committee of Nanjing Vocational University of Industry Technology, China

14:30-14:32 Welcome Remarks and Introduction to Participants

14:32-14:40 Lin Yu Deputy Director of Department of Vocational and Adult Education of the Ministry of Education, China

Keynote Speech

14:40-14:55 Hands for Creation, Brains for Critical Thinking -- Practicing the Spirit of General Secretary Xi Jinping's Reply Letter and Cultivating Talents for Building a Community with a Shared Future for Mankind

Michael Crook Chairman of International Committee for the Promotion of Chinese Industrial Cooperatives, Director of Beijing BaLie University

14:55-15:03 Development of Professional and Vocational Education in Post Pandemic Period in Tajikistan

Ms. Abdulkholikzoda Lutfiya Deputy Minister of Tajikistan Ministry of Education

15:03-15:11 Singapore's Perspective on Innovation in Modes of Education Delivered Through Academia-Industry Collaboration

Tan Li Sheng Director of the Higher Education Planning Office of Singapore Ministry of Education

15:11-15:19 Exploration and Practice of Chinese Characteristics Apprenticeship

Fang Naichun Secretary of the CPC Leading Group and Director General of China Vocational Education Association, China

15:19-15:27 Enabling the Workforce Transformation in China Aerospace Manufacturing Industry

Julian McCormack Honorary President of the Royal Aeronautical Society China

15:27-15:35 Cultivating Talents through Innovative Dual Education Mode

Zhang Baoquan CEO of Beijing Jingdiao Group Co., Ltd., China

15:35-15:43 University-Enterprise Cooperation of Airbus

Thomas Florian Mack General Manager of Airbus (Tianjin) Final Assembly Co., Ltd.

15:43-15:51 Transformation of TVET Education in Myanmar

Sai Kyaw Naing Oo Director General of the Department of Technical and Vocational Education and Training, Myanmar

Seminar

15:51-15:59 Exploration of Cultivating Innovative, Interdisciplinary and Applied Talents through Cross-border University-Enterprise Cooperation

Xie Yonghua Professor, President of Nanjing Vocational University of Industry Technology, China

15:59-16:07 Implementation of Chinese + Vocational Education in Cambodia

TE MEAN Executive Vice President of Federation of Khmer Chinese in Cambodia

16:07-16:15 Policy and Practice on School-Enterprise Dual Education for Vocational Education in China

Xing Hui Professor, Director of Academic Committee of National Academy of Education Administration, China

16:15-16:23 New Considerations about Learning from Cooperation between Industry and Education on Vocational Training in Germany

Georg Stadler Chief Representative of Shanghai Office, Hanns Seidel Foundation, Germany

16:23-16:31 School-Enterprise Collaborative Education: Huawei Practice of ICT Digital Talent Training

Dang Zhangbo Senior Engineer, General Manager of Education Business of Talent Development Department of Huawei Technology Co., Ltd., China

16:31-16:39 Foster Education-Industry Partnership to Accelerate Student Success

Zhou Lin President and CEO of Bates Technical College, U.S.

16:39-16:49 Release of Undergraduate Vocational Education Achievements

Tea Break

Dialogue

16:55-16:58 Innovation in Mechanisms of Education Delivered through Academia-Industry Collaboration by Giving Full Play to the Main Role of Enterprises in Running Schools

Song Kai Senior Engineer, Deputy Director of China Nonferrous Metal Industry Human Resource Center, China

16:58-17:01 School-Enterprise Cooperation, and Strive to Cultivate Highly Skilled Talents for Zambia

Jorick Yanwva Principal of Local Affairs for Sino-Zam Vocational College of Science and Technology, Zambia

17:01-17:04 School and Enterprise Dual System Education, Enhance the Adaptability of Talent Cultivation

Cheng Shiang President of Wuhan Railway Vocational College of Technology (WRV), China

17:04-17:07 Cultivate Intellectualized & Digitalized Talents with China's Practices -- the Best Business Practice of Industry-Education Integration from Yonyou

Chen Qiangbing Chairman of Yonyou Group Seentao Technology Co., Ltd., China

17:07-17:10 Bosch Apprenticeship and Shop-Floor Talent Development

Georges Andary General Manager of Bosch Automotive Products (Suzhou) Co., Ltd.

17:10-17:13 Talent Training Center Connecting the Yellow River and Zambezi River -- Exploration of School-Enterprise Joint Training of International Talents in Water Conservancy

Zhou Baoping Professor, Secretary of CPC Committee of Yellow River Conservancy Technical Institute, China

17:13-17:16 Academia-Industry Collaboration -- A New Zealand Experience

Mark Oldershaw Chief Executive of Wellington Institute of Technology, Chief Executive of Whireia Community Polytechnic

17:16-17:27 Dialogue Guests Interaction

Conclusion



世界职业技术教育发展大会
WORLD VOCATIONAL AND TECHNICAL
EDUCATION DEVELOPMENT CONFERENCE

平行论坛议程

职业院校工程教育 发展论坛

举办时间 2022年8月20日 14:30-17:30

所在场馆 国家会展中心（天津）S16-33

协助组织单位 中国工程院二局、上海工程技术大学、
天津职业技术师范大学

会务承办单位 天津职业技术师范大学

平行论坛：职业院校工程教育发展论坛

审视职业教育中工程教育发展现状与挑战，分享和交流国内外前沿动态与经验。围绕职业院校大国工匠、能工巧匠和高技能人才培养目标，探讨职业院校学生应用能力、实践能力和创新能力发展路径，推动职业教育改革，提升人才培养质量，为社会经济发展提供人才保障。

主持人 阎兵 天津职业技术师范大学副校长、教授

14:30-14:40 主持人致欢迎辞，介绍与会嘉宾
天津市副市长朱鹏致辞

主旨发言

14:40-14:55 建设一流工程学科，培养一流技术人才
谭建荣 中国工程院院士、浙江大学教授

14:55-15:15 工程教育的基本问题
金子元久 日本国立筑波大学教授

15:15-15:30 高铁工匠培养之道——打造具有全球竞争力的高技能人才培养基地
丁荣军 中国工程院院士、中国中车株洲电力机车研究所有限公司
正高级工程师

15:30-15:45 协同培养高素质技能人才——德国双元制高等教育
孙建安 德国施特拉尔松德孔子学院院长

15:45-16:00 智能制造人才培养与实训教学创新
陈吉红 武汉华中数控股份有限公司董事长、教授

16:00-16:15 工程职业教育教师在继续学习中的挑战
尤哈·豪塔宁 芬兰于韦斯屈莱应用科学大学专业教师教育学院
主任

茶歇

专题研讨

16:25-16:33 职业本科“三性一体化”人才培养模式与工程教育实践
谢永华 南京工业职业技术学院校长、教授
中国教育国际交流协会职教分会理事长

16:33-16:41 中国先进制造业发展中的职业院校工程教育要素浅析
陈晓明 中国机械工业联合会教育培训部主任、正高级工程师

16:41-16:49 中国中车产教融合育人之道
吴新林 中国中车集团有限公司人力资源中心副主任、正高级工程师

16:49-16:57 工程化在职业技术技能人才培养中的实践与探索
徐国胜 世界技能大赛中国（天津）研究中心主任
天津职业技术师范大学工程实训中心主任、教授

16:57-17:05 开窗破壁，创新赋能高职院校汽车工程人才培养
尹万建 湖南汽车工程职业学院副院长、教授

17:05-17:13 服务制造强国战略工程教育大有可为
刘永亮 陕西工业职业技术学院院长、教授

17:13-17:21 工程实践创新项目（EPIP）教学模式应用与推广研究
耿清 EPIP 国际教育联盟顾问
天津市教育科学研究院职业教育研究中心主任、研究员

17:21-17:29 技术引领、四方协同，服务技能型社会建设
蒋方红 无锡职业技术学院院长、教授

总结



世界职业技术教育发展大会
WORLD VOCATIONAL AND TECHNICAL
EDUCATION DEVELOPMENT CONFERENCE

Parallel Session Agenda

Engineering Education Development in Vocational Education Institutions

Time 14:30-17:30, August 20, 2022

Venue 516-33, National Convention and Exhibition Center (Tianjin)

Co-organizers Bureau II of Chinese Academy of Engineering
Shanghai University of Engineering Science
Tianjin University of Technology and Education

Session Affairs Organizer Tianjin University of Technology and Education

Parallel Session: Engineering Education Development in Vocational Education Institutions

This session reviews the current status and challenges of engineering education in vocational education, shares cutting-edge trends and experience at home and abroad. Focusing on the objectives of cultivating great craftsmen, skilled craftsmen and highly skilled talents in vocational institutions, the paths of developing students' practical and innovative ability in vocational institutions will be discussed with the purpose of promoting the reform of vocational education, improving the quality of talent cultivation and providing talents for social and economic development.

Moderator Yan Bing Professor, Vice President of Tianjin University of Technology and Education, China

14:30-14:40 Welcome Speech by Moderator
Welcome remarks by Zhu Peng, Vice Mayor of Tianjin

Keynote Speech

14:40-14:55 To Build a First-class Engineering Discipline and Train First-class Technical Personnel
Tan Jianrong Academician of Chinese Academy of Engineering, Professor of Zhejiang University, China

14:55-15:15 Fundamental Problems in Engineering Education
Kaneko Motohisa Professor of Tsukuba University, Japan

15:15-15:30 Growth Path of High-speed Rail Artisans: Build a Globally Competitive Training Base for Highly Skilled Talents
Ding Ronjuan Academician of Chinese Academy of Engineering, Senior Engineer of CRRC Zhuzhou Institute Co., LTD., China

15:30-15:45 Collaborative Cultivation of High-Quality Technical and Skilled Talents - German, "Dual System" Higher Education
Sun Jian'an Director of Confucius Institute at Stralsund University of Applied Sciences, Germany

15:45-16:00 Intelligent Manufacturing Talent Training and Practical Teaching Innovation
Chen Jihong Professor, Chairman of Wuhan Huazhong Numerical Control Co., Ltd., China

16:00-16:15 Engineering VET Teachers Challenge of Continuous Learning
Juha Hautanen Head of Department at the School of Professional Teacher Education, JAMK University of Applied Sciences, Finland

Tea Break

Seminar

16:25-16:33 "Three Features-in-One" Talents Training Model for Vocational Education and Engineering Education Practice
Xie Yonghua Professor and President of Nanjing Vocational University of Industry Technology, Chairman of Vocational Education Committee of China Education Association for International Exchange

16:33-16:41 Engineering Education Elements in Vocational College with China's Advanced Manufacturing Development
Chen Xiaoming Senior Engineer, Director of Education and Training Department of China Machinery Industry Federation

16:41-16:49 The Way of Integrated Education of CRRC
Wu Xinlin Senior Engineer, Deputy Director of Human Resources Center, CRRC Corporation Limited, China

16:49-16:57 Practice and Exploration of Engineering in the Training of Vocational and Technical Talents
Xu Guosheng Director of Worldskills Competition China Research Center (Tianjin), Director and Professor of Engineering Training Center of Tianjin University of Technology and Education, China

16:57-17:05 Innovation and Enabling Vocational College Automotive Engineering Talent Training
Yin Wanjuan Professor, Vice President of Hunan Automotive Engineering Vocational College, China

17:05-17:13 Servicing the Country's Manufacturing Power Strategy, Engineering Education Has a Great Potential
Liu Yongliang Professor, President of Shaixi Polytechnic Institute, China

17:13-17:21 Research on the Application and Popularization of Engineering Practice Innovation Project (EPIP) Teaching Mode
Geng Jie Consultant of Alliance EPIP International Education, Professor and Director of Vocational Education Research Center of Tianjin Academy of Educational Science, China

17:21-17:29 Technology-lead, Four-parts Collaboration, Service the Construction of a Skilled Society
Gong Fanghong Professor, President of Wuzi Institute of Technology, China

Conclusion