

# Newsletter

ZJU-UIUC INSTITUTE | 2023 Fall | Volume 25



## ZJUI 2023 Welcome Ceremony was held

Date:18/09/2023  
Article: Zhang Yi, Yu Mengyue Photo Credits:Hailan Culture



The 2023 Welcome Ceremony was held in the Auditorium on the International Campus, Zhejiang University on September 17, 2023. Chinese and foreign undergraduate, master and doctoral students commenced their new journey.

Prof. He Lianzhen, Vice President of ZJU and Prof. John Coleman, UIUC Vice Chancellor for Academic Affairs and Provost delivered welcome speeches. Prof. Li Hanying, Dean of International Campus, ZJU, Prof. Qu Lijuan, Vice Dean of International Campus, Prof. Wu Jian, Vice Dean of International Campus, Prof. Zhao Peng, Coordinators and Vice Dean of the School of Mechanical Engineering, Prof. Duan Yuanfeng, Coordinators and Vice Dean of the College of Civil Engineering and Architecture, and representatives of relevant colleges in ZJU, as well as heads in the relevant departments of the campus attended the ceremony. Prof. Rashid Bashir, Dean of the Grainger College of Engineering, Prof. Philippe Geubelle, Executive Associate Dean of the Grainger College of Engineering, and Prof. Umberto Ravaioi, Director of Academic Affairs for the ZJU-UIUC Program of the Grainger College of Engineering attended the ceremony. Prof. Rashid Bashir and Prof. Philippe Geubelle spoke. Prof. Lee Der-Hong, Dean of ZJUI, Prof. Jin Jianming, Executive Dean of ZJUI, Prof. MA Hao, Vice Dean of ZJUI, Prof. WANG Hongwei, Vice Dean of ZJUI, attended the ceremony online and offline. Representatives of ZJUI faculty members and students' parents attended the ceremony.

First, Prof. He Lianzhen extended a warm welcome to all the first-year students, and expressed gratitude and greetings to

our partners at UIUC and to parents. She expressed hopes that students will clear their mind with explicit goals, dare to explore and engage in in-depth research, and think great thoughts with unwavering devotion to their shared future. She encouraged students to strive to be the trendsetters in the new era, make full use of the platform and opportunities provided by the two universities. She encouraged students to practice the mission and responsibility of youth, to build a community of shared future for mankind, to draw a magnificent picture of human social progress with the essence of eastern and western education, and to contribute wisdom to meet global challenges.

Prof. John Coleman stated that ZJUI is truly a peer partnership bringing together two well matched universities;- two of the best in the world with an equal and strong commitment to excellence in engineering education. He stated that the number of new students demonstrate that the two universities share a great deal of history together. He stated that he hoped that students will immerse themselves in this unique and outstanding platform and be inspired to achieve brilliance.

Prof. Rashid Bashir welcomed the new students and their parents. He pointed out that our times have undergone profound changes, and universities no longer tell students what to do, but constantly guide and inspire students. He stated that he hoped that all students will act with understanding empathy and kindness towards everyone around the world and create harmony amongst humanity. Prof. Philippe Geubelle introduced the faculty, research, curriculum, and student development of the Grainger College of Engineering, encouraging students to strive for excellence and create a better world through engineering innovation.

Prof. Lee Der-Hong indicated that the international campus has been guided by the mission to empower future international leaders and citizens with skills, passion, ambition, resourcefulness, and knowledge (SPARK) to enable them to change their world, and ZJUI embodies "educating innovators in engineering and leaders of tomorrow" as its foundation. He stated that ZJUI has always been committed to addressing global challenges through engineering innovation and stated that he hoped that students will embrace the unknown with a thirst for knowledge while experiencing university life. He expressed his hopes that students would set their sights high and strive for excellence in academic research, and dare to try - allowing for mistakes, actively contributing, and caring for the greatness of the nation. He stressed that students should strive to stay at the forefront of innovation for a better future.

The undergraduate representative, Lin Haoxiang, introduced the importance of taking responsibility by citing President Co-ching Chu's resounding two questions, expressing his determination to view the world as his own responsibility and the truth as his

goal. Graduate representative Pan Yanling joined ZJUI with a desire for an international perspective and interdisciplinary abilities. She stated that she will bravely take responsibility, contribute, and strive to become an engineering elite while adhering to the spirit of seeking truth and pursuing innovation, and become a leader with global competitiveness. International student representative Aren Mkhitaraya stated that students from all over the world come together with diverse backgrounds and diverse cultures shining brightly, which will also illuminate the path towards personal growth and global citizenship, and they will contribute their own efforts to build a community with a shared future for mankind. Parent representative Chang Xuan's father Chang Junliang expressed congratulations to all the first-year students, emphasized the importance of teamwork, advocated for students to fully enjoy colorful campus life, and stated that he looked forward to students growing into first-class compound elites with national identity, international vision, global competitiveness and global responsibility.

An exciting and colorful talent show was prepared by the first-year students. A program expressing thanks to parents for wearing badges for parents' representatives was greeted with enthusiasm by the audience.

After the introduction of the faculty members in the fall semester of 2023, all the attending guests released paper airplanes with notes full of dreams. As the Chinese old saying goes, "being fond of learning is akin to knowledge and practicing with vigor is akin to benevolence." The journey of self-discovery, self-exploration, self-transcendence, and self-realization for students at ZJUI begins here.



**Xu Ruiling**  
Volunteer of the 19th Asian Games  
26' Computer Engineering undergraduate of ZJUI  
Head of the Volunteer Service Center of the International Campus, ZJU



Ruiling has always been enthusiastic about public welfare. On the occasion of the Asian Games, she has the privilege of becoming a member of "Xiao qinghe" (Nick name of volunteers of the 19th Asian Games) and has actively participated in the volunteer service work of the Asian Games, including the production and filming of the Zhejiang University Asian Games MV, foreign guest reception, and coordination of co-host city visit needs.

"I almost never hesitated from beginning to end! It seemed that the stars are aligned for me to meet the Asian Games! " Although there were many difficulties to overcome during this period: inevitably traveling back and forth, and sacrificing time, she chose to firmly seize the precious opportunity to serve as a volunteer for the Asian Games. Before the opening of the Asian Games, Ruiling was selected by the production team of Zhejiang University to present the Asian Games MV with her piano and music skills. The "Xiao qinghe" with their respective strengths in the team, with their affection and enthusiasm, created an original MV "Riding the Tide towards the Future" as volunteers of Zhejiang University for the Asian Games. The various stages of MV production, including song creation, storyboard design, filming, recording, and editing, were completely completed

by these ZJUers. This is also the perfect interpretation of the volunteer spirit of "dedication, friendship, mutual assistance, and progress"!

"Xiao qinghe take on much more and more important work than I expected," Ruiling shared. "It requires us to work from dawn to dusk, and we need to communicate in English at all times during work." Her job is to provide assistance to foreign guests at the information service desk of the Olympic Council of Asia Family Headquarters Hotel, coordinate with the co-host cities in transportation, accommodation, and other aspects to meet the needs of foreign guests visiting the co-host city. But more often than not, she is also a versatile person who can always respond to urgent needs, helping security personnel translate, assisting in handling ticket issues, handling awards and emergencies... All kinds of tasks test her ability to withstand pressure and coordinate.

During her volunteer service, Ruiling had the opportunity to meet various honorable guests. Among them, she encountered Charoen Wattanasin and his family, the Vice President of the National Olympic Committee of Thailand and the Chairman of

Heart to Heart, @Future



Date:09/10/2023 Article:Zhu Tianxi Photo Credits: From the interviewee

the Badminton Association of Thailand. This meeting brought her the most unexpected joy. She had a great conversation with them at the dinner party and accompanied them to travel around Hangzhou. She was amazed by their youthful and energetic mental state and was fortunate enough to have a noble cause that he was willing to dedicate his life to. They brought Xu Ruiling many new thoughts on life or career, and she was also full of hope and expectations for the future because of them.

Along the way, Xu Ruiling's enthusiasm for volunteer service has always been unchanged. As the head of the Volunteer Service Center on the International Campus, she has never given up any opportunities to explore public welfare programs and promote social positive energy. She went to Jingdong Wuliang Middle School in Yunnan to teach during the summer, participated in online teaching in spring, and led the investigation group from the International Campus, Zhejiang University to Chengdu and Hangzhou during winter vacation to carry out activities and won the first prize in winter vacation college student social practice activities... In just one year, her cumulative volunteer hours have exceeded 250 hours.

## Future Non-Terrestrial Networks: Prof. Tony Quek was Invited to the Fourth Phase of Juanhu International Academician Lecture Hall

Date:07/11/2023  
Article&Photo Credits: From the Organizer



On the afternoon of November 3, Prof. Tony Quek, Fellow of Academy of Engineering Singapore, Head of ISTD Pillar, Director for Future Communications R&D Program in Singapore, IEEE Fellow, was invited to the fourth phase of Juanhu International Academician Lecture Hall. Academician Lee Der-Hong, Dean of ZJUI, presided over the event. Prof. Tony Quek, with the topic of "Future Non-Terrestrial Networks: Opportunities and Challenges", shared and exchanged ideas with attending faculty members and students.



## Prof. He Lianzhen, Vice President of ZJU, led a delegation to visit the University of Illinois Urbana-Champaign (UIUC)

Date:28/09/2023 Article& Photo Credits: ZJUI, the Office of Global Engagement, ZJU

The flower presentation ceremony by the University of Illinois Urbana-Champaign (UIUC) delegation to the statue of President Co-ching Chu was held on the afternoon of June 2nd at the International Campus, Zhejiang University. Prof. Rashid Bashir, Dean of the Grainger College of Engineering, Prof. Philip Krein, Co-Director of ZJU-UIUC Joint Research Center and member of the U.S. National Academy of Engineering, Prof. Bruce Hajek, Head of the ECE Department, Prof. Bill Spencer, Professor and Newmark Endowed Chair of CEE Department, Foreign Academician of Chinese Academy of Engineering, and Prof. Erol Tutumluer, Director of International Programs of CEE Department, attended the ceremony. The ceremony was presided over by Prof. Jin Jianming, Executive Dean of ZJUI, Prof. Ma Hao, Vice Dean of ZJUI, Prof. Li Erping, Co-Director of ZJU-UIUC Joint Research Center and Founding Dean of ZJUI, and representatives from faculty members and students attended the event.

Prof. Rashid Bashir delivered a speech on behalf of UIUC. He expressed his highest respect to the beloved former President of ZJU, Prof. Co-ching Chu. President Chu's deeds as the President of Zhejiang University and a meteorologist are widely known. However, few people know that he is an alumnus of UIUC, who truly impacted science, society, the nation and the world. He pointed out that he is pleased to see the statue of President Chu with the theme of "Return and Look Forward" standing on the campus of the International Campus. Prof. Bashir mentioned that with the establishment of ZJUI, the long-term cooperation history between UIUC and Zhejiang University will continue. With ZJUI building a world-class engineering college as the focus, both sides will work together to create a model for international cooperation in engineering education.

Full of scientific spirituality and educational sentiments, President Chu's truth-seeking spirit of only asking right and wrong regardless of interests transcends national and cultural boundaries and carries the power of progress. This force has strengthened the cooperation between Zhejiang University and UIUC, bringing together faculty and students from both universities. ZJUI faculty members and students are also honored to witness the seeds planted by President Chu more than a hundred years ago, which are still thriving.



## ZJUI international undergraduate students won the second prize in the Digital Trade Cup: BRI International Students Innovation and Entrepreneurship Competition

Date: 15/11/2023 Article:From ZIBS Wechat Account  
Photo Credits: Provided by the interviewee



Recently, ZJUI undergraduate students Leonard Davidson and Monish Mithra Waran Maheswaran, jointly cultivated by ZJUI and College of Control Science and Engineering, ZJU, won the second prize in the Digital Trade Cup: BRI International Students Innovation and Entrepreneurship Competition, together with three students from Zhejiang University International Business School (ZIBS). The team, named WAMECO, is a ZIBS Innovation Incubation Project. From team building, mentorship guidance to preparation for the finals, team members' abilities were greatly improved in less than half a month.

When discussing ZJUI's help for him to win this award, Monish from Malaysia said, "ZJUI has given me the opportunity to explore a dynamic array of courses, providing me the tools for simplifying complex problems and providing necessary solutions to meet the world challenges, especially now for waste management at ports."

Leonard from Indonesia reviewed the competition and shared, "ZJUI has helped me in refining my thought process and equip me with skills that eventually help me achieve good results in the competition. I would like to thank ZJUI for the opportunity to learn in this campus." 📷

## Liu Zhanning, a graduate student of ZJUI, won the third prize for Best Paper Award at the IET RPG 2023

Date:15/11/2023 Article & Photo Credits: Research Group of Assoc Prof. Diao Ruisheng



Recently, Liu Zhanning, a graduate student of ZJUI majoring in Electrical Engineering, intake of 2022, under the guidance of ZJUI Associate Prof. Diao Ruisheng, received third prize for Best Paper at the 12th International Conference on Renewable Power Generation (RPG 2023) for his paper "Parameter Optimization of LCL-Type Grid Connected Inverter Filter in Weak Power Grid Using NSGA-II Algorithm". The conference was jointly organized by Shanghai Jiao Tong University and the Institution of Engineering and Technology (IET), attracting over 300 experts from the global renewable power generation field to participate. After multiple rounds of review and selection, 30 excellent papers were selected from over 340 submitted articles and awarded the Best Paper Award.

He said, "I was deeply surprised to receive this honor. Thanks very much to Prof. Diao for always encouraging and affirming me, helping to clarify my research direction and providing the most solid support. The relaxed and free academic atmosphere of ZJUI also allows me to explore freely in an environment without pressure. I hope that in the future, I can apply what I have learned and realize my value."

RPG 2023 is a high-level conference under the IET, the largest international professional institutions in Europe and the second largest in the world, aimed at promoting the development of renewable power generation, sharing professional knowledge and exchanging technology. 📷

## A ZJUI undergraduate was awarded the Winner of UIUC Rhetoric Student Essay Contest

Date:10/10/2023 Article&Photo Credits:From the interviewee



Recently, the results of the UIUC Rhetoric Student Essay Contest were announced, and ZJUI undergraduate has achieved great results again. Under the guidance and recommendation of ZJUI Adjunct Faculty Professor Mary Lucille Hays, Mr. Yan Zhen (26, Civil Engineering) participated in the competition with many native English speakers and was successfully selected as one of the winners of the contest with his unique topic selection, meticulous essay organization, and lively writing style.

Yan Zhen stated that the various writing methods and experiences taught in the rhetoric course have benefited him a lot, not only greatly improving his English writing skills, but also helping him develop reading comprehension skills and writing thinking. "I believe that the rhetoric course is both fundamental and profound. Reading, understanding literature, and expressing our viewpoints are essential skills for us. This course not only teaches us how to use standardized formats in writing papers and complete different writing tasks, but also how to understand and apply the methods and skills learned to our daily literature reading and writing."

Not only that, Yan Zhen also attributed the honor he received to his instructor-Prof. Mary Lucille Hays. Prof. Mary was not surprised by Yan Zhen's award winning. She praised Yan Zhen as a diligent and responsive student. "Yan Zhen carefully read and studied the reading analysis methods introduced in the course very carefully and skillfully analyzed and identified the various parts of the argument. He has an elegant writing style that gets his point across very well, so it was no surprise that he was one of the contest winners." 📷

## News in Pictures

1-3. ZJUI won the 1st Place in the 1st International Campus Games  
4.The 1st Retirement Ceremony for Dr. Lu Qiang was held  
5.ZJUI 2023 Junior Faculty Teaching Exchange and Competition was held



Date:04/11/2023



Date:16/11/2023 Unveiling ceremony of ZJUI-BJZH Futuristic Advanced Transportation Joint Laboratory, Yuanlong Express, Supcon Student Practice Bases was successfully held

## ZJUI's first major science and technology cooperation project in Guangxi was launched

Date:18/10/2023 Article&Photo Credits:Mo Chenyi, Hou Yubing



On October 13th, the major science and technology cooperation project in Guangxi Zhuang Autonomous Region, led by ZJU Qishi Chair Professor Y. Xiao, the Director of the Zhejiang University (Ninghai) Joint Research Center for Bio-based Materials and Carbon Neutral Development, titled "Development of Adhesives for Structural Control and Low-carbon Manufacture of Lightweight and High Strength Particleboard", was launched in Ninghai County. Prof. Li Hanying, Dean of International Campus, ZJU, Prof. Wang Hongwei, Vice Dean of ZJUI, and representatives of leaders from the Ninghai County acknowledged the significance of the project and warmly congratulated on the successful approval of the first major science and technology cooperation project in Guangxi on the International Campus.

The project of "Development of Adhesives for Structural Control and Low-carbon Manufacture of Lightweight and High Strength Particleboard" aims to combine the research strengths both inside and outside the Guangxi Region and enterprise R&D Productivity, for developing a new type of lightweight and high-strength particle board suitable for furniture customization, decoration and wooden wall panel manufacturing. The outcome is expected to upgrade production line for product development, and significantly increase the profits of relevant products by overcoming key technical difficulties. 📷

## Assistant Prof. Yang Hao (Howard) received the IEEE ComSoc Asia-Pacific Outstanding Young Researcher Award

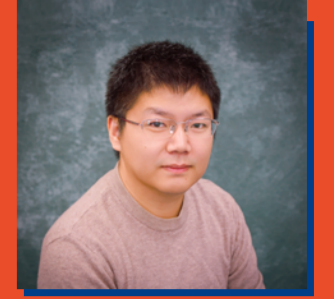
Date:17/10/2023 Article&Photo Credits: From the interviewee



Recently, we received good news from the IEEE Communications Society, the largest and most influential flagship academic society on communications technologies and information networks. Assistant Professor Yang Hao (Howard) from ZJUI received the IEEE ComSoc Asia-Pacific Outstanding Young Researcher Award for his contributions to spatial-temporal modeling of wireless networks and federated edge learning systems. The selection process of this award comprehensively evaluates researchers' creativity, research impact, and contributions to the IEEE ComSoc. Whereby Assistant Prof. Yang Hao (Howard) being awarded this honor is a well recognition to his academic influence in the field of communication networks.

This award is established by the IEEE Communications Society and is presented to outstanding young researchers under the age of 35 who have achieved outstanding results in the field of information and communication over the past three years. It is the highest honor for young researchers in the information and communication field in the Asia-Pacific region. It selects 4-6 outstanding young scholars from the Asia-Pacific region (including China, Japan, South Korea, Singapore, Malaysia, Australia, New Zealand, and other countries and regions) every year. 📷

## Welcome on board



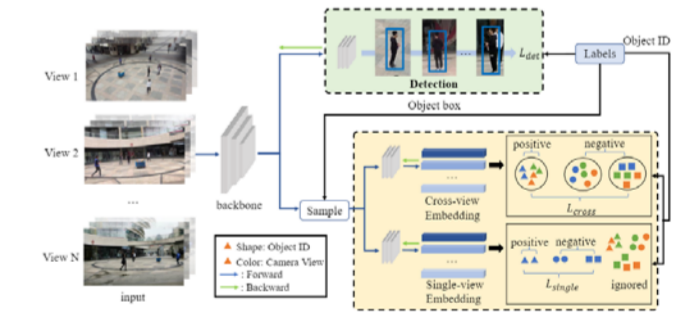
**Chen Piao**  
Associate Professor

Dr. Piao Chen is an Associate Professor at ZJUI, Zhejiang University. Prior to this position, he served as an Assistant Professor in statistics at TU Delft during 2020-2023. He obtained the Bachelor's degree in Industrial Engineering from Shanghai Jiao Tong University in 2013, and the Ph.D. in Industrial Systems Engineering and Management from National University of Singapore in 2017. His research primarily focuses on quality and reliability, prognostic and health management, and statistics. Most of his work have been published in top-tier journals in the fields of statistics, engineering and management, including *Technometrics*, *Journal of Quality Technology*, *IEEE Transactions on Information Theory*, and *Production and Operations Management*. His work received Best Paper Award at the International Conference on System Reliability and Safety Engineering (SRSE2022), the INFORMS Conference on Quality, Statistics, and Reliability (ICQSR2023), and the International Workshop on Statistical Theory and Related Fields (STARF2023).

Research Interests:  
Quality and Reliability, Prognostic and Health Management, Statistical Learning, Emergency Management

## ZJUI Doctoral Students released the research findings in IJCV, the top Journal of Artificial Intelligence

Date:07/10/2023 Article&Photo Credits:From the Group of Prof. Wang Gaoang



Recently, the latest research result from Assist Prof. Wang Gaoang of ZJUI and his research group, which is about a new dataset and new method for cross-view multi-object tracking in open scenes-DIVOTTrack: A Novel Dataset and Baseline Method for Cross-View Multi-Object Tracking in Diverse Open Scenes was accepted by the *International Journal of Computer Vision* (IJCV, IF=19.5, CCF A), a top journal in the field of artificial intelligence. The first author of the paper is Hao Shengyu, a ZJUI 2021 doctoral student, and the co-first author is Liu Peiyuan, 23' Computer Engineering undergraduate of ZJUI (currently a graduate student of Tsinghua Shenzhen International Graduate School), the corresponding author is Assist Prof. Wang Gaoang of ZJUI.

This paper proposes a novel cross-view multi-object tracking dataset, DIVOTTrack, which is acquired from the perspective of a moving camera, has more realistic and diverse scenes, and has more crowded trajectories, and establishes a standardized baseline and benchmark for cross-view multi-object tracking. The paper also proposes a novel end-to-end cross-view multi-object tracking method, CrossMOT, which integrates object detection, single-view tracking, and cross-view tracking tasks in a unified model. 📷

### ZJUI "Zhejiang Provincial Engineering Research Center for Multimodal Transport Logistics Large Models" was Approved Successfully by the Zhejiang Provincial Development and Reform Commission

Date:09/11/2023 Article&Photo Credits:From the Smart Urban Future Laboratory

On November 7th, the Zhejiang Provincial Development and Reform Commission issued the "Notice of the Provincial Development and Reform Commission on the Identification of the List of Provincial Engineering Research Centers in 2023." The "Zhejiang Provincial Engineering Research Center for Multimodal Transport Logistics Large Models" led by Academician Lee Der-Hong, Dean of ZJUI, was successfully approved, becoming the first provincial-level engineering research center of ZJUI, and the first pilot logistics large model research center established nationwide.

Based on the strategic deployment of building an innovative province, Zhejiang Provincial Engineering Research Center is a research and development entity organized by the Zhejiang Provincial Development and Reform Commission. It focuses on key core technology breakthrough around the urgent needs of key industries. It is an important component of the innovation system in Zhejiang Province, aiming to break through the bottleneck of core technologies, provide key technical support for the development of related fields in the province, and carries out major equipment research and development, the transformation and industrialization of major scientific and technological achievements, as well as the sharing of scientific and technological resources, in order to promote industrial technological progress and enhance core competitiveness.

Led by Academician Lee Der-Hong of ZJUI, Zhejiang Provincial Engineering Research Center for Multimodal Transport Logistics Large Models is jointly built by a research group from Zhejiang University and Yuanlong Bonded Logistics Company. In the data and modern logistics industry, the center focuses on the key core technologies of logistics transportation and intelligent computing, facing the major development strategic needs of the country and Zhejiang Province's economy and society. With a view to building an innovative development model of multimodal transportation driven by intelligent computing, the center is expected to break through key technologies such as the general model of multimodal transportation logistics and to build a multimodal intelligent logistics platform. Also, the center may carry out advanced application demonstrations in the Yangtze River Delta region and radiate across the country. The center may then promote the global international goods trade industry represented by the "the Belt and Road", create the world's leading intelligent logistics multimodal transport technology innovation platform, boost the transformation and application of scientific and technological achievements, cultivate and expand a number of first-class enterprises with innovative capabilities, and lead the development of multimodal transport industry in our province as well as the entire country. 📷



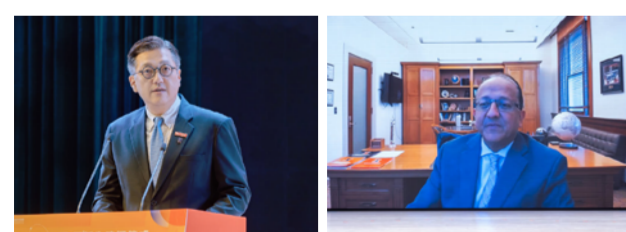
# Newsletter

浙江大学伊利诺伊大学厄巴纳香槟校区联合学院 | 2023夏季刊 | 第21期



## ZJUI2023级 新生欢迎仪式顺利举行

时间: 18/09/2023 文: 张旖 图: 海蓝文化



芳华待灼, 行而不辍。9月17日, 浙江大学伊利诺伊大学厄巴纳香槟校区联合学院(ZJUI)2023级新生欢迎仪式在国际校区学术大讲堂举行, 347名2023级中外硕博新生, 立足新起点, 开启新征程。

浙江大学副校长何莲珍, UIUC副校长、教务长John Coleman致欢迎辞。国际联合学院(海宁国际校区)院长、党委副书记李寒莹, 党委常务副书记、副院长屈利娟, 副院长吴健, 机械工程学院副院长赵期, 建筑工程学院副院长段元锋等学校相关院系代表, 以及校区有关部门负责人出席。UIUC工学院院长Rashid Bashir, 工学院常务副院长Philippe Geubelle讲话, 两校合作办学办公室主任Umberto Ravaioli出席。ZJUI院长李德炫讲话, 执行院长金建铭, 副院长马皓、副院长王宏伟线上线下出席, ZJUI教师代表、新生家长代表参会。

何莲珍向全体新生致以热烈欢迎, 向合作伙伴UIUC和新生家长致以感谢和问候。她指出, 当前国际形势不断发生深刻变化, 全球性挑战更加严峻, 她希望同学们明晰目标, 理清思路; 勇于探索, 深入研究; 担当使命, 共绘未来。在砥砺前行、追求卓越的求索路上, 她提醒同学们不要忘记沿途的旖旎, 享受过程, 不计得失。她鼓励同学们争当新时代的弄潮儿, 充分利用两校为大家提供的平台与机会, 践行青年使命与担当, 构建人类命运共同体, 以东西方教育的精华, 浓墨重彩地绘就人类社会进步的壮丽画卷, 为应对全球挑战贡献智慧。

John Coleman表示, ZJUI是一所建立在两校对等互信的合作伙伴关系上, 由浙江大学和UIUC强强联合而成的工程学院。两校悠久的历史文脉和辉煌的社会影响是ZJUI创新之魂, 两校在卓越工程教育上的相同理想和坚定追求是ZJUI发展之基。他指出, UIUC一贯重视其全球影响力, 在全世界有众多的合作伙伴, 但ZJUI是其中最独一无二的存在。他希望同学们能尽情徜徉在这独树一帜的卓越平台中, 激发自我, 成就辉煌。

Rashid Bashir向新生和家长表示欢迎。他指出, 时代已经发生了深刻的变革, 大学不再告诉学生应该怎么做, 而是不断引导和激发学生, 我们的目标也不再是培养个别佼佼者取得成功, 而且致力于帮助每一位同学收获成功, 引领未来。他希望全体新生怀揣善意, 携手共创属于全人类的和谐未来。Philippe Geubelle介绍了UIUC工学院相关专业的师资、科研、课程、学生培养等情况, 勉励同学们奋楫笃行, 臻于至善, 以工程创新创造更美好的世界。

李德炫指出, 国际校区以“燃求是创新之火, 育开物前民之才”为使命, ZJUI以“培养工程之俊杰, 成就明日之领袖”作为立命之本, 一贯致力于以工程创新应对全球挑战。学院入选全球顶尖科学家榜单的卓越教师队伍, 有鹄湖国际院士大讲堂等特色育人资源平台, 竭尽所能为学生提供探索全球工程最新发展的丰富机会。他指出, 面对大学生活,

要拥抱未知, 求知若渴; 面对学术研究, 要立足高远, 精益求精; 面对美好未来, 要敢于试错, 积极奉献, 心怀“国之大者”, 奋力走在前列。

本科生新生代表林昊翔由竺可桢校长掷地有声的两问引入, 阐述了责任担当的重要性, 表达了将天下为己任, 以真理为依归的决心。研究生新生代表潘艳玲循着对国际视野和跨学科能力的渴望加入ZJUI, 她表示将勇担责任, 贡献力量, 努力成为求是创新的工程人才和拥有全球竞争力的领导者。国际学生代表Aren Mkhitaraya表示, 来自五湖四海的同学们汇聚一起, 迥异的背景和多元的文化璀璨夺目, 也将照亮同学们通往个人成长和全球公民身份的道路, 他们也将为构建人类命运共同体贡献自己的力量。家长代表杨轩父亲杨军亮表达了对全体新生的祝贺, 强调了团队合作的重要性, 倡导同学们尽情享受多彩校园生活, 也期待同学们早日成长为具有家国情怀、国际视野、全球竞争力和世界担当的一流复合型人才。

由新生们准备的才艺节目精彩纷呈, 为家长代表佩戴徽章的感恩家长环节也温情满满, 热烈而温暖的拥抱, 令全场观众为之动容。

在2022年秋季学期开课教师介绍后, 全体与会嘉宾放飞了满载梦想的纸飞机。好学近乎知, 力行近乎仁。同学们在求是园自我发现、自我探索、自我超越和自我实现的旅程就此开始。



许睿凌  
第十九届亚运会志愿者  
ZJUI2022级电子与计算机工程专业本科生  
国际联合学院志愿服务中心负责人



亚运之际, 一直热心公益的她, 有幸成为“小青荷”的一员, 积极投身亚运会第一线志愿服务工作, 参与浙大亚运MV的制作与拍摄、外宾接待、协办城市访问需求对接等。她与其他ZJUI的亚运会志愿者一样, 源于热爱, 挥洒风采, 贡献青春力量, 彰显青年担当!

“我几乎从始至终都没犹豫过! 我常常感慨是怎样的‘天时地利人和’才让我与亚运相遇呢!” 尽管这期间需要克服重重困难; 免不了来回奔波、还会牺牲学习时间, 但“择善而从”的她选择坚定地抓住难能可贵的担任亚运会志愿者的机会, 期待为亚运作出她的贡献。

亚运会尚未开幕的时候, 许睿凌便早早投身其中——她凭借其钢琴和音乐特长入选了浙江大学献礼亚运会MV的制作团队。团队里各具特长的“小青荷”们凭着情怀与热情, 以浙江大学亚运会志愿者的身份制作了一个献礼亚运的原创MV《弄潮向未来》, 而MV制作的各个环节: 歌曲创作、分镜设计、拍摄、录音和剪辑, 完全由这群浙大青年完成。这也正是对“奉献、友爱、互助、进步”的志愿者精神的完美诠释!

“小青荷承担的工作会比我预期的多很多, 也重要很多”,



时间: 28/09/2023 图文: ZJUI、国际合作与交流处

## 副校长何莲珍率团访问伊利诺伊大学厄巴纳香槟校区

9月20日至23日, 浙江大学副校长何莲珍率代表团访问美国伊利诺伊大学厄巴纳香槟校区(UIUC), 进一步巩固和推进两校在人才培养和科学研究上的合作, 深入探讨未来合作交流方向。ZJUI院长李德炫、执行院长金建铭、副院长马皓, 国际合作与交流处副处长褚驰恒等参加访问。

何莲珍一行分别与UIUC校长Robert Jones, 教务长、副校长John Coleman, 工学院院长Rashid Bashir等举行会晤。UIUC校领导对何莲珍一行到访表示热烈欢迎。他们表示, 两校历史渊源深厚, 1987年起开展学者学生交流, 2002年签署校际合作备忘录, 在近40年的全方位交流合作中形成了密切、对等、开放的伙伴关系并取得显著成效, 而两校的合作办学使得伙伴关系更为紧密而独特。UIUC对两校合作前景充满信心, 表示将与浙江大学一道, 持续深化现有合作, 拓展合作领域, 共同打造全球高等教育领域创新型和国际合作的典范。

何莲珍表示, 面对日益突出的全球性问题和愈发复杂的国际形势, 浙江大学秉承开放合作理念, 不断巩固和推进与全球伙伴在人才培养与科研方面的合作。UIUC作为浙江大学的重要合作伙伴, 具有卓越的教育科研实力和广泛的全球影响力, 许多理念和做法都值得学习借鉴。面向未来, 浙江大学期待与UIUC围绕联合国可持续发展目标, 拓展合作增长点, 持续提升合作深度, 共同提升全球影响力, 为全球高等教育和社会发展作出更大贡献。

访问期间, 浙江大学代表团与UIUC工学院电气与计算机系、机械工程系、土木与环境系等单位围绕本科生培养、科研合作、项目运行等议题开展专题研讨, 商讨下一步合作计划。代表团还看望了浙江大学伊利诺伊大学厄巴纳香槟校区联合学院(ZJUI)正在UIUC参加培训的青年教师, 并开展亲切交流。



时间: 09/10/2023 文: 朱天玺 图: 受访者提供

许睿凌分享到, “早八晚十的工作需要我们起早贪黑, 且工作中时刻需要用英语交流”。她的本职工作是在OCA(亚奥理事会)大家庭总部饭店的信息服务台向外宾提供帮助, 在交通、住宿等方面与协办城市对接, 满足外宾访问协办城市的需求。但更多时候, 她也是“哪里急需去哪里”的“万金油”: 帮安保人员翻译、协助处理票务问题、处理颁奖事宜与突发事件……各式各样的任务, 无不考验着她的抗压与协调能力。

志愿服务期间, 许睿凌有幸遇见各种“重量级嘉宾”, 如亚奥理事会代理主席辛格、乒乓球冠军丁宁、女排冠军惠若琪等等。其中, 与泰国奥委会副主席兼泰国羽协主席一家的相遇带给了她最多的意外之喜。她与他们在晚宴上相谈甚欢, 陪伴他们游历杭州……许睿凌惊叹于他们已86岁但仍有年轻活力的精神状态, 并有幸拥有一个愿意为之付出一生的崇高事业。他们带给了许睿凌许多对生活抑或事业的新思考, 她也因为他们对未来满怀希望与期待。离别时, 他们相约以后在泰国或中国再相见, 并互赠了泰国奥运徽章、浙大亚运明信片等礼物以示相遇的喜悦。

其实, “公益活动”早已成为她生命中不可或缺的一部分。初中时, 她在语文老师的鼓励下与同学发起了一个名

为“Reading Virus”的公益活动, 寓意是希望阅读的习惯如病毒般在人群中蔓延。通过校内外宣讲、拍摄宣传片、书写倡议书、制作文化衫等形式, 在家乡四川成都的中学里产生了不小的影响。正是在第一次的“公益初体验”中感受到了从细处着手, 身体力行去让世界变得更好的巨大力量与成就感, 令她成为了热衷公益、乐此不疲的奉献者。

点滴星火微芒亦可成阳, 一路走来, 许睿凌对于志愿服务的热情始终不变。作为国际校区志愿服务中心的负责人, 从放弃任何开拓公益项目, 弘扬社会正能量的机会, 积极负责各类活动志愿者招募工作, 也期望“开拓前路”, 为国际校区的同学创造更多高质量的实践机会。大学入学以来, 许睿凌活跃于各项志愿实践活动: 她曾在暑期赴云南景东无量中学支教、参与春季线上支教, 也曾在寒假带领“浙江大学国际联合学院赴成都、杭州调研团”开展活动并获得寒假大学生社会实践一等奖……短短一年时间里, 她的累计志愿者时长已超250小时。

涓滴细流汇聚成河, 杭州亚运会于10月8日闭幕, 但志愿服务永不落幕。在前行的路上, 许睿凌步履不停, 她始终满怀热忱地把闪亮的青春贡献在每一处最需要她的地方。

## 未来非地面通信网络: 机遇与挑战——新加坡 工程院院士Tony Quek 做客第四期鹄湖国际 院士大讲堂

时间: 07/11/2023 图文: 院士大讲堂团队供稿



2023年11月3日下午, 第四期鹄湖国际院士大讲堂邀请到了新加坡工程院院士、新加坡科技设计大学信息系统技术与设计学院院长、新加坡国家未来通信研发项目负责人、IEEE会士Tony Quek教授做专题报告。浙江大学伊利诺伊大学厄巴纳香槟校区联合学院院长李德炫院士主持活动。

Tony Quek院士以“Future Non-Terrestrial Networks: Opportunities and Challenges”为主题, 围绕“非地面通信网络发展历程”“LEO卫星技术发展现状”“6G通信潜在发展方向”三个主要问题与与会师生分享交流。



## ZJUI国际本科生所在团队获“一带一路”在华留学生创新创业大赛二等奖！

时间: 15/11/2023 图文: 转载自浙江大学ZIBS微信公众号



近日，浙江大学伊利诺伊大学厄巴纳香槟校区联合学院与浙江大学控制科学与工程学院联合培养的单学位国际化合作项目本科生Leonard Davidson、Monish Mithra Waran Maheswaran与三位浙江大学国际联合商学院(ZIBS)学生组队摘得数贸杯·“一带一路”在华留学生创新创业大赛总决赛荣获二等奖。

该团队名为WAMECO，是ZIBS创新创业中心孵化项目，从团队组建、导师指导到备战决赛，短短不到半个月的准备时间里，我们再次见证了浙大学子们的创新创业精神与团队协作能力。WAMECO项目聚焦港口废弃物管理，专注于提高效率、降低成本的同时，致力于提供一个ESG一体化解决方案。

来自马来西亚的Monish同学谈及ZJUI对他此次获奖的帮助时说：“ZJUI赋予了我探索一系列丰富有力课程的机会，为我提供了简化复杂问题的工具，并为我迎接世界挑战提供了必要的解决方案，特别是在我们此次选题港口废物管理上。”

来自印度尼西亚的Leonard同学回顾比赛，分享到：“ZJUI提升了我的思维过程和能力，其教给我的专业技能也帮助我在比赛中取得了好成绩。感谢ZJUI给我的在国际校区学习的机会。”

## 研在ZJUI：ZJUI硕士生刘展宁荣获IET高水平国际会议最佳论文三等奖

时间: 15/11/2023 图文: 刁瑞盛课题组



近日，浙江大学伊利诺伊大学厄巴纳香槟校区联合学院(ZJUI)2022级电气工程专业硕士研究生刘展宁在其导师ZJUI副教授、研究员刁瑞盛指导下，凭借“Parameter Optimization of LCL-Type Grid-Connected Inverter Filter in Weak Power Grid Using NSGA-II Algorithm”一文，荣获IET第十二届可再生能源发电国际会议(RPG 2023, Renewable Power Generation)最佳论文三等奖。大会由上海交通大学和英国工程技术学会(IET)联合举办，吸来了来自全球可再生能源发电领域300余位专家参加。经评审层层筛选，从投稿的340余篇文章中，遴选出30篇优秀论文颁发最佳论文奖。

该篇题为“Parameter Optimization of LCL-Type Grid-Connected Inverter Filter in Weak Power Grid Using NSGA-II Algorithm”的获奖论文，提供了一种基于NSGA-II算法的弱电网LCL型并网逆变器参数优化方法，对弱电网下的单相逆变器系统进行建模，将传统参数设计的边界作为限制条件，将待优化参数作为决策变量，对多个目标函数通过迭代优化得到最优解的参数解集，并通过稳定性分析从参数解集中抽取一组典型值作为优化解，大大提高了滤波器的滤波效果与抗弱网能力。

此篇论文本是偶得之作，能获此殊荣，深感意外。非常感谢刁老师一直对我的鼓励肯定，帮助厘清研究方向，提供最坚实的支撑。ZJUI轻松自由的学术氛围也能够让我在没有压力的环境下自由探索。希望未来自己能够学有所用，实现价值。

RPG 2023是欧洲规模最大、全球第二大的国际专业学会英国工程技术学会(IET, The Institution of Engineering and Technology)旗下高水平会议，旨在推动可再生能源发电领域的发展，进行专业知识分享与技术交流。

## 喜报：七度得奖！ZJUI2022级学生与数千英语母语使用者竞渡，斩获佳绩！

时间: 10/10/2023 图文: 受访者提供



近日，UIUC英文写作比赛赛果揭晓，ZJUI本科生又传佳绩。在ZJUI兼职教师Mary Lucille Hays的指导和推荐下，ZJUI2022级土木工程专业学生严臻凭借独出心裁的选题、细致缜密的构思和生动活泼的行文，在与众多英语母语使用者的同台竞逐中一马当先，成功入选为UIUC本科生英文写作比赛获胜者(Winner)。UIUC本科生英文写作比赛是基于其写作通识课开展的针对全校学生的比赛，每学期由专家评选出10-20名获胜者。

严臻表示Rhet课程中教授的写作方法和经验都使他受益良多，不仅大大提升了他的英语写作水平，更是帮他培养了阅读理解能力和写作思维。“我认为Rhetoric课程既基础又十分深奥。阅读、理解文献和表达叙述我们的观点对我们来说都是不可或缺的技能，而这门课程不仅教会我们如何使用规范的论文格式，如何完成不同的写作任务，它更是在教会我们理解与运用，将学习到的方法和技巧运用到我们日常的文献阅读和写作中。”

严臻还将自己获得的这项荣誉归功于他的指导老师Dr. Mary Lucille Hays。“Mary老师是一位体恤学生，尽职尽责的教师。她不仅对我的文章进行了极其细致的点评和讲解，更是教会了我创造性写作思维以及小组合作的重要性，正是Mary老师的潜心教导才成就了这样的荣誉。”

指导老师Mary对严臻的获奖毫不意外，她评价严臻是一个勤勉刻苦、敏而好学的学生。“严臻非常仔细地学习了课程中介绍的阅读分析方法，并将其运用在了一篇以自然保护为主题的文章中，巧妙地分析和把握了文章中论点的各个部分。他文笔优美，选题新颖，流畅地表达了他的观点，因此他能成为比赛的获胜者也就不足为奇了。”

## News in Pictures

- 1-3. ZJUI 荣获首届“潮涌国际”师生运动会开拓者杯
- 4.ZJUI首位退休教师陆强老师荣休仪式顺利举行
- 5.ZJUI2023年青年教师教学交流及竞赛顺利举办



时间:04/11/2023



日期: 16/11/2023 ZJUI—北交智慧未来先进交通联合实验室、圆通、中控学生实践基地揭牌仪式圆满举行

## ZJUI首个广西科技合作重大项目启动

时间: 18/10/2023 图文: 莫陈怡、侯王兵



10月13日，由浙江大学-宁海生物质材料与碳中和建设联合研究中心主任、浙江大学求是讲席教授肖岩牵头的广西壮族自治区科技合作重大项目“轻质高强刨花板结构调控用胶黏剂制备及低碳应用关键技术研发与应用”在宁海县启动。浙江大学国际联合学院(海宁国际校区)院长、党委书记李寒莹教授，浙江大学伊利诺伊大学厄巴纳香槟校区联合学院(ZJUI)副院长王宏伟教授，宁海县人民政府领导代表等，分别在会上发表讲话高度肯定项目的重大意义，并对国际校区第一个广西重大科技合作项目的成功申报表示热烈祝贺。期望藉此推动校区及ZJUI与广西自治区科研院所和企业开展区域合作。

“轻质高强刨花板结构调控用胶黏剂制备及低碳应用关键技术研发与应用”科技合作重大项目旨在结合广西壮族自治区内外优势科研和企业研发能力，通过攻克关键技术难题，开发适用于家具定制、装饰装修及木质板制品的新型轻质高强刨花板，并实施生产线改造和产品开发，较大幅度提高相关产品利润。这将有力推动广西乃至全国的刨花板行业升级，进一步提升产业竞争力。该科技合作重大项目由浙江大学牵头，广西大学、南京林业大学、国家林科院南京林化所参与承担，并由广西丰林木业集团股份有限公司负责产业化实施。

浙江大学求是讲席教授肖岩领导的浙江大学-宁海生物质材料与碳中和联合研究中心自成立以来在地方政府和相关部门的支持下，在学术项目、成果落地及地方合作方均取得了优异成绩。本项目的成功获批立项也体现了课题组在低碳环保竹木材料与结构体系研究的多年积累。

## 喜报 | 浙江大学ZJUI杨浩研究员荣获IEEE通信学会亚太地区杰出青年学者奖

时间: 17/10/2023 图文: 受访者提供



近日，从全球最具规模与影响力的通信技术和信息网络协会IEEE Communications Society (IEEE 通信协会)传来喜讯，浙江大学伊利诺伊大学厄巴纳香槟校区联合学院(ZJUI)研究员、助理教授杨浩因其对无线网络分析模型以及边缘联邦学习系统的贡献荣获IEEE通信学会亚太地区杰出青年学者奖。该奖项的评选综合评估研究员的创造力、研究影响力以及对ComSoc学会的贡献。ZJUI杨浩研究员能获此殊荣，一定程度上体现了他在通信网络领域较高的学术影响力，表明了他在该领域的学术贡献得到了国际同行的高度认同。

该奖项由IEEE通信学会设立，授予过去三年中在信息通信领域取得突出成绩的35岁以下杰出青年研究人员，是亚太地区信息通信领域青年研究人员的最高荣誉。该奖项每年从亚太地区评选出4至6名杰出青年学者。

作为通信技术和信息网络工程领域最具权威的国际组织，IEEE通信协会(IEEE ComSoc)致力于通过通信和网络技术的前沿学术研究和创新技术应用，促进通信技术的发展并改善人类生活。

杨浩博士，ZJUI学院助理教授、研究员(博士生导师)，毕业于新加坡科技设计大学。主要研究方向为无线网络的基础理论与系统设计，聚焦大维无线网络中空时随机业务的建模与分析、面向信息时效性的物联网优化以及无线边缘网络的联邦学习系统设计等课题，取得了一系列研究成果。

## 求是新力量



陈飘  
副教授 / 研究员

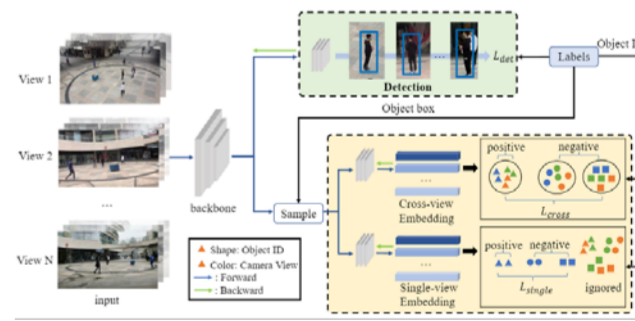
陈飘博士现任浙江大学ZJU-UIUC联合学院副教授。在此职位之前，他于2020年至2023年间在代尔夫特理工大学担任统计学助理教授。他于2013年在上海交通大学获得工业工程学士学位，并于2017年从新加坡国立大学获得工业与系统工程管理博士学位。他的研究主要关注质量和可靠性、故障诊断与健康管理和统计学。他的大部分研究成果发表在统计、工程、管理领域的顶尖期刊，包括Technometrics, Journal of Quality Technology, IEEE Transactions on Information Theory和Production and Operations Management等。他的工作曾获得国际系统可靠性与安全工程会议(SRSE2022)、INFORMS质量统计可靠性会议(ICQSR2023)、统计理论及其应用国际研讨会(STARF2023)等国际会议的最佳论文奖。

研究方向:

质量和可靠性、故障诊断与健康管理和统计学习、应急管理

## 科研在线 | ZJUI博士生在人工智能领域顶刊ICCV发表成果：开放场景中跨视角多目标跟踪的新数据集和新方法

时间: 07/10/2023 图文: 王高昂课题组供稿



近日，ZJUI研究员王高昂课题组一项关于开放场景中跨视角多目标跟踪的新数据集和新方法最新研究成果 DIVOTTrack: A Novel Dataset and Baseline Method for Cross-View Multi-Object Tracking in Diverse Open Scenes 被人工智能领域顶级期刊International Journal of Computer Vision(ICCV, IF=19.5, CCF A)接收。该论文的第一作者为ZJUI2021级博士研究生郝圣禹，共同一作为2023届电子与计算机专业本科毕业生刘培源(目前为清华大学深圳国际研究生院研究生)，通讯作者为ZJUI王高昂研究员。

该论文提出了一种新颖的跨视角多目标跟踪数据集，即DIVOTTrack，该数据集在移动相机视角下采集，场景更加真实和多样化，并具有更拥挤的人物轨迹，并为跨视角多目标跟踪建立了标准化基线 and 评价指标。该论文还提出了一种新颖的端到端跨视角多目标跟踪方法，即CrossMOT，它将目标检测、单视角跟踪和跨视角跟踪任务集成在统一的模型中。这应该是第一个同时具有目标检测和跨视角多目标跟踪能力的端到端模型，可以同时学习目标检测、单视角和跨视角的目标特征。基于上述数据集和模型，该论文建立了跨视角多目标跟踪评估的标准化基准。实验结果表明，该论文所提出的CrossMOT 实现了高跨视角多目标跟踪精度，并且在DIVOTTrack和其他数据集上优于目前最先进的(SOTA)方法，有望为跨视角多目标跟踪技术在自动驾驶、智能监控、行为识别等领域的应用提供有利支撑。

## 喜报！ZJUI“多式联运物流大模型浙江省工程研究中心”成功获批

时间: 09/11/2023 图文: 光数实验室团队

11月7日，浙江省发展和改革委员会发布了《省发展改革委关于认定2023年省工程研究中心名单的通知》，由浙江大学伊利诺伊大学厄巴纳香槟校区联合学院(ZJUI)院长李德兹院士牵头的“多式联运物流大模型浙江省工程研究中心”成功获批，成为我院首个省级工程研究中心，也成为全国范围内率先试点设立的物流大模型研究中心。

据悉，浙江省工程研究中心是省发改委根据建设创新型省份的战略部署，围绕我省重点产业的迫切需求，聚焦关键核心技术攻关、组织建设的研究开发实体，是浙江省创新体系的重要组成部分，旨在解决“卡脖子”技术问题，为省内相关领域发展提供关键技术支持，开展重大装备研制、重大科技成果转化及产业化、科技资源共享服务，促进产业技术进步和核心竞争力的提升。

“多式联运物流大模型浙江省工程研究中心”由我院李德兹院士牵头，带领浙江大学团队与圆通保税物流公司共同建设。该中心围绕数据和现代物流产业，聚焦物流运输和智能计算核心关键技术，面向国家和浙江省经济社会的重大发展战略需求，着眼于构建智能计算为内在技术驱动的多式联运创新发展模式，突破多式联运物流通用大模型等关键技术，建成