



Newsletter

ZJU-UIUC INSTITUTE | 2023 Summer | Volume 24

Commencement for the ZJU Class of 2023

Date:05/06/2023
Article:Jin Nanxing Photo Credits:Lai Xinping



On June 3, ZJU held a grand commencement to confer upon the graduating Class of 2023 their UIUC B.S. degrees on the International Campus of Zhejiang University. This year, the UIUC delegation traveled over 11000 kilometers to Haining to award UIUC degrees to 189 ZJU graduating students and witness an important moment of their growth together.

Prof. Du Jiangfeng, President of Zhejiang University, and Prof. Robert J. Jones, Chancellor of the University of Illinois Urbana-Champaign, delivered speeches. Also present at the ceremony were Prof. He Lianzhen, Vice President of Zhejiang University, and Prof. Rashid Bashir, Dean of the Grainger College of Engineering at UIUC, Prof. Ling Wen, Academician of the Chinese Academy of Engineering, President of Shandong Association for Science & Technology, Members of the Talent Cultivation Steering Committee of ZJU.

President Du Jiangfeng warmly welcomed the UIUC delegation from afar and sincerely congratulated the ZJU graduating Class of 2023 on successfully obtaining the UIUC degree. "Since its establishment seven years ago, ZJU has always been committed to educating innovators in engineering and leaders of tomorrow, to fully leveraging the advantages of Sino-foreign collaborative education and to bring together worldwide scientific and educational resources. Together we provide a dynamic and cutting-edge educational experience, empowering students to perceive engineering innovation and showcase talent on a global

stage," said President Du. In face of the constantly evolving international landscape and the more universal challenges, President Du hoped that graduates maintain a deep sense of concern for humanity and develop a world view that emphasizes our shared future, while upholding the UIUC motto of "Learning and Labor" and the ZJU motto of "Seeking Truth and Pursuing Innovation". Additionally, President Du expected graduates to explore the frontiers of knowledge with deep dedication to truth and innovation. Also, he desired graduates to maintain a strong commitment to the principle of "study and practice," which stresses the importance of acquiring knowledge and applying it in real-world scenarios. "I hope you will take the world as your responsibility, value truth as your guiding principle, and integrate knowledge with action. I call on you to shoulder great responsibilities and contribute to the advancement of human society with your wisdom and commitment," said President Du.

Chancellor Robert J. Jones addressed the newest graduating class of ZJU through a video and expressed gratitude for the strong support Zhejiang University has provided in this pioneering, solid, and comprehensive partnership. "To the ZJU class of 2023 of all the words that I might offer today are start with the most important ones - congratulations on your achievements. You have the distinction of holding two degrees from two of the world's greatest universities. I know the road to this Celebration was certainly much harder than any person on this planet ever imagines but I hope you feel an additional sense of pride for all that you have accomplished here," said Chancellor Jones. He expressed earnest hope that graduates would demonstrate "resilience" in the rapidly changing era and dare to strive for the top. In the wave of innovative educational models, bravely stand at the forefront with "boldness" and dare to be the first. In the new global landscape of the post pandemic era, reshape the future with "drive" and dare to shoulder major responsibilities.

Prof. Rashid Bashir reviewed the exciting learning life and exceptional contributions of students of Class of 2023 during their undergraduate studies on two campuses in China and the United States, expressing his expectations for graduates to be inclusive, promote the longevity of humanity, lead the future, and change the world for the better.

Academician Ling Wen shared with the graduates his journey of constantly accepting challenges and breaking through boundaries. He encouraged graduates to keep their feet on the ground and dive in what they learn, keep their mind open and widen horizon with a variety of interests, and dream big and align life purpose with the glorious path to build a more prosperous world.

Mr. Yuan Chentai, a student representative of Class of 2023 and Mrs. Ji Ying, parent representative gave touching speeches with the theme words "pursuit" and "gratitude".

At the ceremony, the Class of 2023 walked across the stage individually to embrace a significant moment in life. Prof. Rashid Bashir and representatives from Electrical and Computer Engineering, Mechanical Science Engineering, and Civil Engineering departments of the Grainger College of Engineering presented the degree certificate for each student. Heads of relevant colleges and departments of ZJU, as well as relevant discipline coordinators, leaders of the International Campus, heads of various offices, departments, and institutes, and ZJU faculty and staff attended the ceremony. The ceremony was hosted by Prof. Lee Der-Hong, Dean of ZJU.

Zhejiang University and the University of Illinois Urbana-Champaign established a partnership in 2002. Over the past 20 years, the two universities have conducted multi-level cooperation in multiple fields and established cooperative institutions such as ZJU-UIUC Joint Research Center, setting a model for Sino-US higher education cooperation. As one of the highest-level Sino-US cooperative educational institutes in China, ZJU has four undergraduate programs: Electrical Engineering, Computer Engineering, Mechanical Engineering, and Civil Engineering. Undergraduate students who meet the degree granting conditions of both universities will receive dual bachelor's degrees from Zhejiang University and UIUC.

Among the graduates of Class 2023, there have emerged outstanding students such as world-class conference paper authors, champions and runners up winners of international competitions, and designers of green buildings in the Winter Olympics Village. And a large number of graduates will go to prestigious universities at home and abroad for further education.

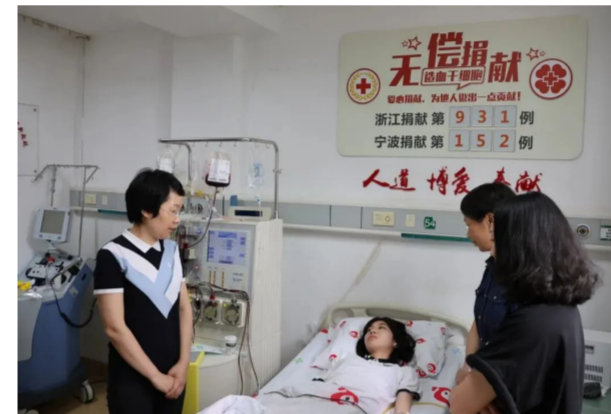
Congratulations to Class of 2023!



On July 6th, the official People's Daily WeChat reported the story of Zhejiang University-University of Illinois Urbana-Champaign Institute (ZJU) student Lu Bingbing's successful donation of 185 milliliters of hematopoietic stem cells.

Lu Bingbing is from Cixi, Ningbo. She was born in 2000 and is currently a master's student in Energy and Power at ZJU (2022 intake). At ZJU, she finished her undergraduate studies in mechanical engineering and obtained the ZJU and UIUC degrees in 2022. She currently holds the top grade in her graduate courses and is concentrating on investigating advanced power semiconductor device packaging, a cutting-edge interdisciplinary topic in electrical engineering in response to the carbon peaking and carbon neutrality goals. Lu Bingbing has long been passionate in promoting social welfare. She participated in offering teaching service as a volunteer in Gansu, a western province of China. Till now, her volunteer service hours have exceeded 180.

In May 2022, the university organized a voluntary blood donation event. Lu Bingbing volunteered to donate a sample for bone marrow stem cell donation after donating blood, and her information was registered in the China Bone Marrow Stem Cell Donor Database. Just nine months later, she successfully matched with a leukemia patient. She said, "I find it very meaningful to be able to save someone's life, free them from the torment of illness, and experience the beauty of life again.



ZJU "Post-00s" Graduate Student, Lu Bingbing, Donated Hematopoietic Stem Cells Successfully

Date:12/07/2023 Article: Edit from People's Daily Photo: From interviewee



The successful match this time feels like winning the lottery. The donation process may have been a bit difficult, but it was just a normal thing that I could do. Sometimes, helping one person is helping a whole family."

Lu Bingbing's father is a doctor, and under his influence, she believes that saving lives and treating patients is a sacred endeavor. She made the decision to assist the patient upon receiving the notification. The donation was set in May after Lu Bingbing's medical examination satisfied all requirements. On the morning of July 5th, at the First Affiliated Hospital of Ningbo University, Lu Bingbing successfully donated 185 milliliters of bone marrow stem cells, becoming the city's first "post-2000s" bone marrow stem cell donor.

"I wish the patient peaceful days in the future and a bright life to start as soon as possible!" Lu Bingbing cheers for the patient. At the same time, she also calls on more people to join the team of bone marrow stem cell donors and bring hope of life to more people in need.

The UIUC delegation presenting flowers to the statue of President Co-ching Chu

Date:05/06/2023 Article: Zhang Yi Photo Credits: Zhang Yi



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 ZJU, Prof. Ma Hao, Vice Dean of ZJU, Prof. Li Erping, Co-Director of ZJU-UIUC Joint Research Center and Founding Dean of ZJU, 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 ZJU, the long-term cooperation history between UIUC and Zhejiang University will continue. With ZJU 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. ZJU 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.

Focus and Cross-border: Academician Ling Wen was Invited to the Second Phase of Juanhu International Academician Lecture Hall

Date:05/06/2023 Article: From the Organizer Photo:Lei Chen, Luo Yuanyuan



In the afternoon of June 2, 2023, Academician Ling Wen, an Academician of the Chinese Academy of Engineering, was invited to the second phase of Juanhu Lake International Academician Lecture Hall. Academician Ling Wen, with the theme of "Admiring the Celestial Expanse, Grounded in Graceful Stride", shared his life experiences of continuous cross-border breakthroughs and stories of transcending inherent thinking patterns.

Appeared on the CCTV News, he holds 13 offers from prestigious universities worldwide, challenging an endless and self-defining life in ZJUI!

Date:15/06/2023 Article:Yu Mengyue
Photo Credits: Provided by the interviewee



On June 13, the news report of "Zhejiang University Promoting the High-Quality Development of Talent Cultivation and Discipline Construction" broadcast by the News of CCTV is widespread in the WeChat of people of Zhejiang University. The man interviewed in the news was Qi Zhenting, a 23' undergraduate majoring in Computer Engineering at ZJUI.

Highlights of Qi Zhenting

• In the application season, he won 13 offers from world-famous universities such as Harvard University, Yale University, Carnegie Mellon University, University of California, Berkeley, ETH Zurich, University of Illinois Urbana Champaign, Duke University, etc.

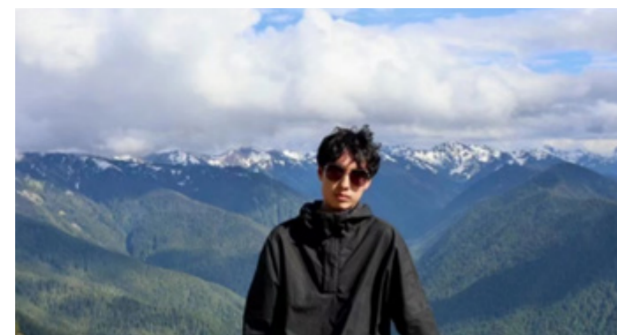
• 7 papers have been published, including 4 papers published by him as the first author, with 28 citations

• With a definite objective in view, he keeps seeking, and adheres to what he loves.

• A versatile student who is full of exploration desire and loves to challenge himself.

From Civil Engineering to Computer Vision, he crosses boundaries and braves the wind and the waves

Date:19/07/2023 Article:Yu Mengyue
Photo Credits: Provided by the interviewee



Highlights of Chai Wenhao

- 23' undergraduate majoring in Civil Engineering at ZJUI
- He loves doing research, and actively participates in interdisciplinary engineering research projects
- He published a total of 9 academic papers during his undergraduate period, and 10 papers are still undergoing peer review. Among the published and reviewed papers, he is the first author or co-first author of 10 papers
- He is about to go to Washington University for further study in the master program of electrical engineering

Chai has already established a clear plan for his future development and devotes himself to the field he loves with practical actions. "I have tried many different research directions to find the field I am interested in. Through the research experience accumulated in SRTP and communication with professors in ZJUI and the research team, I have gradually clarified my research interests and decided to focus on the field where I am interested." He has firmly established his path of research and exploration and has invested a lot of time and energy in research, maintaining a long-term research work schedule of ten hours per day, never slacking off. Moreover, he actively participated in lab projects and delved into experimental techniques and data analysis methods. "Research is not just theory, but practice and experimentation are also indispensable parts of research. Through practical operations, I am able to apply theoretical knowledge to practical problems and verify my research hypotheses."

Recommended to the College of Computer Science and Technology at ZJU, Kong Zitai has set an example with innovation and entrepreneurship

Date:28/07/2023 Article:Yu Mengyue
Photo Credits: Provided by the interviewee



Highlights of Kong Zitai

- 23' undergraduate majoring in Computer Engineering at ZJUI
- His accumulated volunteer hours has amounted to 115.64 hours
- Won the 3rd place in the Creative Group of the Yangtze River Delta Biomedical Innovation and Entrepreneurship Conference and the Third Business School Healthcare Industry Innovation and Entrepreneurship Competition

He is always strict with himself. He said: "Through student work, my business capacity, communication skills, time planning ability has been greatly improved, and what's more importantly, in the process of serving my classmates, I have gained a full sense of happiness and sense of accomplishment."

Kong Zitai's happiness and sense of achievement come from the trust of his faculties and classmates, and even more from his willingness to give. During his four years of undergraduate study, from assisting the institute in epidemic prevention and control to volunteering as a lecturer at the Jiaxing Nanhu Revolutionary Memorial Hall, his accumulated volunteer hours amounts to 115.64 hours. He was awarded the two-star volunteer of Zhejiang University. Kong states that these volunteer activities have caused him to realize the fulfillment and happiness brought by the sense of responsibility and mission from the bottom of his heart.

News in Pictures

1. 2023 SDG Global Summer School "Smart City"
2. ZJU 2023 Summer School for Outstanding University Students
3. Prof. CHEN Xiqu and his team published a paper on Nature Sustainability
4. ZJUI student won the 2nd place in the Best Undergraduate Paper Award at the World Environmental and Water Resources Congress 2023
5. ZJUI 2023 Senior Design Exhibition



Date:16/08/2023 ZJUI exchange student orientation



Date:10/08/2023 The BIM-ZJUI Best Summer Training program, jointly organized by ZJUI and the Beasiswa Indonesia Maju (BIM) Scholarship Program of the Indonesian Ministry of Education, Culture, Research, and Technology was successfully held

Assist Prof. Liu Zuozhu of ZJUI and his team published results on Patterns under Cell Press: A Clinically Applicable Multimodal 3D Fusion Reconstruction Framework for Oral CBCT-IOS

Date:21/08/2023 Article & Credits: From the research team of Assist Prof. Liu Zuozhu

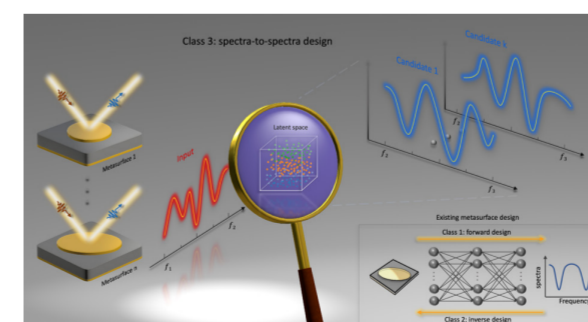
Recently, Assist Prof. Liu Zuozhu and his team published a research paper titled "Deep learning enabled 3D multimodal fusion of cone beam CT and internal mesh scans for clinically applicable tooth bone reconstruction" in the Journal Patterns of Cell Press. The first author of this paper is Liu Jiaxiang, a doctoral student at ZJUI. The corresponding author is Assist Prof. Liu Zuozhu at ZJUI. Dr. Hao Jin from Harvard University is the co-first author, and Prof. Zhao Zhihe from the West China School/ Hospital of Stomatology Sichuan University is the co-corresponding author. Other authors include Lin Hangzheng,

a 22' undergraduate of ZJUI, and Assist Prof. Wang Gaoang at ZJUI.

This paper proposes a framework called Deep Dental Multimodal Fusion (DDMF), which can automatically fuse three-dimensional oral images such as CBCT and IOS, achieving clinically applicable three-dimensional reconstruction of tooth crowns, roots, and jawbones. This innovative achievement will provide strong and intelligent key technology support for the diagnosis and treatment in digital oral field.

Nature Communications reported the latest results of Assistant Prof. Qian Chao

Date:21/08/2023 Article & Credits: From the research team of Assist Prof. Qian Chao



Recently, the internationally renowned multidisciplinary journal 'Nature Communications' published online an article titled 'Correlating metasurface spectra with a generation-elimination framework', reporting the latest research findings from Assist Prof. Qian Chao and his team at ZJUI. The research team proposed a concept of the third class of metasurface design to achieve the correlation of complex spectra.

Assistant Prof. Yang Hao (Howard)'s Paper Wins 2022 IEEE Signal Processing Society Best Paper Award

Date:15/06/2023 Article:Yu Mengyue
Photo Credits: Provided by the interviewee

The paper titled "Federated Learning with Differential Privacy: Algorithms and Performance Analysis", co-authored by Assistant Prof. Yang Hao (Howard), ZJUI, won the 2022 IEEE Signal Processing Society Best Paper Award. The paper was published in IEEE Transactions on Information Forensics and Security (IEEE TIFS). The paper has now become one of the classic papers in the field of privacy-preserving distributed machine learning and has been ranked amongst the top 3 of the IEEE TIFS Most Popular Articles. Since its publication in 2020, the paper has received more than 830 citations in Google Scholar and 600 citations in Web of Science and has been selected as an ESI Highly Cited Paper (a paper ranked within the top 1% worldwide in its discipline).

"Our Journey Is Starry Universe": Academician Yang Hong of the Chinese Academy of Engineering, was Invited to the Third Phase of Juanhu International Academician Lecture Hall

Date:02/07/2023 Article & Photo Credits: From the Juanhu International Academician Lecture Hall

In the afternoon of June 29, Yang Hong, Academician of the Chinese Academy of Engineering, Chief Designer of the China Manned Space Program Space Station system, an expert in manned spacecraft system design and engineering management, an Academician of the International Academy of Astronautics, and a Researcher of the China Academy of Space Technology, was invited to the third phase of Juanhu International Academician Lecture Hall. Academician Lee Der-Hong, Dean of ZJUI, presided over the event.

Academician Yang Hong, with the theme of "Our Journey Is Starry Universe", shared the three aspects of "the development of the world's manned spacecraft", "China's manned spaceflight development strategy" and "the spirit of manned spaceflight." He vividly interprets the spirit of "Two Bombs and One Satellite" and the spirit of the manned spaceflight which illustrates the Shenzhou culture of "putting the interests of the motherland first; climbing the peak of science and technology bravely; zero defect, zero fault, zero doubt; and working together in the same boat", and shares how Aerospace people can achieve the goal of "seeking truth and pragmatism, keeping sober and facing up to the gap, starting from scratch and success first".



Associate Prof. Ruisheng Diao of ZJUI was elected as a Fellow of the Institution of Engineering and Technology

Date:28/07/2023 Article & Photo Credits: Diao's Group

Recently, after the selection by the Institution of Engineering and Technology (IET), Associate Prof. Diao Ruisheng of ZJUI was elected as an IET Fellow.

It is reported that IET currently has over 150000 members in 128 countries worldwide. It is an internationally renowned professional and technical society with professional classifications covering five major industry sectors, including energy and electricity, transportation, information and communication, design and manufacturing, and architecture and environment. The IET Fellow is the highest academic honor of the IET, awarded to outstanding individuals who demonstrate a high sense of responsibility and achieve significant achievements in the field of science and engineering technology. IET selects approximately 300 Fellows annually, of which 20-30 are selected from mainland China.



The research team led by ZJUI Assist Prof. Cui Jiahuan was awarded the "2023 China Supercomputing Best Application" at the 2023 CCF National Annual Conference on High Performance Computing

Date:28/07/2023
Article & Photo Credits: From the conference news

On August 26th, the 2023 CCF National Annual Conference on High Performance Computing (CCF HPC China 2023) successful concluded. The research team led by Assist Prof. Cui Jiahuan of ZJUI won the "2023 China Supercomputing Best Application" award for their research results in the "Ultra Large Scale and High Precision Aerodynamic Thermodynamic Simulation of Aircraft Engines Based on Sunway Supercomputing" project. As one of the three most influential supercomputing conferences in the field of high-performance computing globally, this conference aims to promote the application ecology, research, and industrial digital upgrading and transformation of supercomputing technology through the exchange of cutting-edge academic achievements, innovative application technology display, and showcase China's new charm in the field of supercomputing.



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24期

ZJUI2023届本科生 UIUC学位授予仪式举行

时间: 05/06/2023 记者: 金南星摄影: 来鑫祥



北京时间6月3日上午, 浙江大学伊利诺伊大学厄巴纳香槟校区联合学院(ZJUI)2023届本科生伊利诺伊大学厄巴纳香槟校区(UIUC)学位授予仪式在浙江大学国际联合学院(海宁国际校区)学术大讲堂举行。今年, UIUC代表团跨越11000多公里来到海宁, 为189位ZJUI毕业生授予UIUC学位, 共同见证学生成长的重要时刻。

浙江大学校长杜江峰院士, UIUC校长Robert J. Jones院士致辞。浙江大学副校长、国际联合学院党委书记何莲珍, UIUC工学院院长Rashid Bashir, 特邀嘉宾中国工程院院士、山东省科协主席、ZJUI人才培养指导委员会委员凌文出席仪式。

杜江峰向远道而来的UIUC代表团表示热烈欢迎, 向ZJUI2023届毕业生顺利获得UIUC学位致以诚挚祝贺。他指出, ZJUI成立七年以来, 始终秉持着培养工程之俊杰、成就明日之领袖的理念, 充分发挥中外合作办学优势、集聚全球优质科教资源, 为同学们提供了感知工程创新的前沿空间和挥洒聪明才智的世界舞台。当前, “两个大局”交织激荡, 面对全球化的时代浪潮, 希望毕业生们秉承UIUC“学习、实践”和浙大“求是、创新”的精神内涵, 葆有人类关怀, 树立命运与共的天下观; 探求前沿真知, 树立求是创新的真理观; 坚持学用相长, 树立弘毅致远的知行观。以天下为己任、以真理为依归, 知行合一, 成长为全球胜任、担当大任的杰出英才, 为全人类社会进步贡献智慧和力量。

Robert J. Jones通过视频向毕业生们表达祝贺, 并对浙江大学在这段开创、坚实、全面的合作伙伴关系中所给予的鼎力支持表示感谢。他表示, 同时获得中美两所声誉卓著的大学的双学位, 对同学们来说是空前的挑战, 更是一种辉煌的荣誉。他寄语毕业生们, 要在飞速变化的时代环境中, 以“韧劲”从容调整, 敢争一流; 在教育模式浪潮中, 以“闯劲”勇立潮头, 敢为人先; 在后疫情时代崭新的全球化格局中, 以“干劲”重塑未来, 敢担大任。

Rashid Bashir教授回顾了同学们本科阶段在中美两个校园中精彩纷呈的学习生活和浓墨重彩的贡献创造, 表达了对毕业生们融汇中西, 服务人类, 引领未来, 影响世界的期望。

凌文院士向毕业生分享了自己不断接受挑战, 跨界突破, 追寻生命边界、拓宽生命宽度的历练之旅, 勉励同学们脚踏实地, 勤学苦练; 开放包容, 涵养志趣; 志存高远, 胸怀天下。

2023届学生代表袁晨泰和2023届学生家长代表纪莹发言, 用“追求”和“感谢”为主题词带来了动情的演讲。

在中美两校嘉宾的见证下, 2023届毕业生逐一上台, 迎接人生中重要的时刻。Rashid Bashir院长、UIUC各系代表等为毕业生授予UIUC学位。学校相关院系、部门负责人, 相关学科联络人, 国际校区领导, 各部门、各办学单位主要负责人, ZJUI教职工等出席此次活动。活动由ZJUI院长李德铭主持。

据悉, 浙江大学与伊利诺伊大学厄巴纳香槟校区于2002年建立校际合作伙伴关系。二十余年间, 两校在多层次开展多层次合作并先后成立了ZJUI和浙江大学-UIUC联合研究中心等合作机构, 树立了中美高等教育合作样板。作为全国最高水平的中美合作办学机构之一, ZJUI共设有电气工程及其自动化、电子与计算机工程、机械工程、土木工程四个本科专业, 符合两校学位授予条件的本科生将同时获得浙江大学和UIUC两个学士学位。

在本届ZJUI毕业生中涌现出世界顶级会议论文作者、国际重大赛事冠军获得者、冬奥村绿色建筑的设计师等优秀学子, 一大批毕业生将赴国内外知名高校深造。

祝贺他们! 🎉



7月6日, 《人民日报》微信公众号报道了国际校区学生陆冰冰成功捐献185毫升造血干细胞的事迹。

陆冰冰是浙江大学伊利诺伊大学厄巴纳香槟校区联合学院(ZJUI)2022级能源动力专业硕士生, 本科就读于ZJUI机械工程专业。

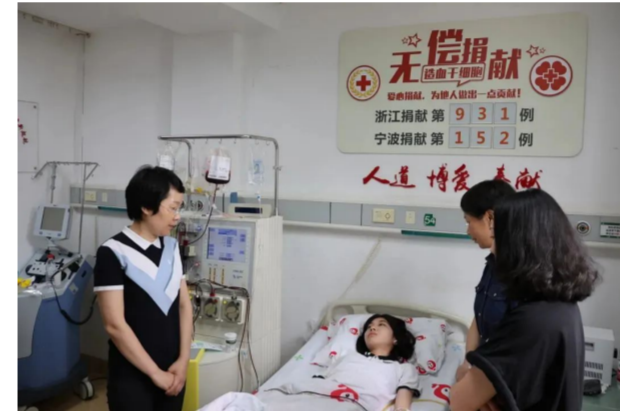
目前, 她的研究生专业课程成绩排名第一, 正面向国家双碳计划中的前沿需求, 探索结合相变散热机制的先进功率半导体器件封装这一电气工程与工程热物理交叉的前沿课题。她长期热心公益, 本科期间曾担任国际校区团委志愿实践部副部长、学生礼仪队队长, 参加服务乡村振兴的暑期社会实践, 赴黔东南黎平县支教。她说: 此次匹配成功就像中奖一样, 捐献过程中是吃了点苦, 但也不过是做了一件力所能及的普通的事。有时候, 帮助一个人就是帮助一个家庭。

为冰冰同学的善良和温暖点赞! 让我们一起来看看人民日报的报道内容, 传递这份爱吧。

7月5日上午宁波大学附属第一医院, 经过3个小时陆冰冰成功捐献185毫升造血干细胞, 为身处病痛中的血液病患者, 带去希望。

陆冰冰来自宁波慈溪, 2000年出生, 她长期热心公益, 曾去甘肃支教, 也曾参与无偿献血的活动。目前, 陆冰冰的志愿服务时长已超过180小时。

2022年5月, 学校组织无偿献血。献血后, 陆冰冰还办理了造血干细胞捐献志愿者采样。相关信息被录入中国造血干细胞捐献者资料库, 才过了九个月, 就与一



《人民日报》点赞浙大ZJUI“00后”研究生

时间: 07/07/2023 文: 整理自人民日报 图: 受访者供图



名血液病患者配型成功。

“能有机会挽救一个人的生命, 让对方免受病痛的折磨, 重新感受生活的美好, 我觉得很有意义。”

陆冰冰的父亲是一名医生, 耳濡目染之下, 陆冰冰认为治病救人是一件神圣的事情。在接到通知的那一刻, 她毫不犹豫选择帮助患者, 身高168厘米, 体重92斤的她接到通知后, 开始清淡饮食、早睡早起, 力求让身体机能达到最佳状态, 给患者提供更健康的造血干细胞。

今年5月, 在家属的陪同下, 她进行体检, 各项条件符合, 捐献提上日程。7月1日, 陆冰冰开始注射动员剂, 几天后, 成功捐献造血干细胞, 成为宁波市首例“00后”造血干细胞捐献者。

“希望患者在今后的日子里一切顺利, 早日开启灿烂的人生!” 陆冰冰为远方的患者加油鼓劲, 祝愿他早日康复, 同时, 她也呼吁更多的人, 加入到捐献造血干细胞的队伍中来, 为更多需要帮助的人送去生命的希望。

谢谢你, 陆冰冰! 🎉

专注与跨界: 中国工程院院士凌文做客第二期 鹄湖国际院士大讲堂

时间: 05/06/2023
文: 鹄湖国际院士大讲堂团
图: 雷宸、罗媛元



穿越百年、跨越万里的情谊: UIUC代表团向竺可桢雕像敬献花篮

时间: 05/06/2023 图文: 张旻

穿越百年时光, 跨越万千公里, 美国伊利诺伊大学厄巴纳香槟校区(UIUC)代表团向竺可桢雕像敬献花篮仪式于6月2日下午, 在浙江大学国际联合学院(海宁国际校区)举行。UIUC工学院院长Rashid Bashir, ZJU-UIUC联合研究中心联合主任、美国工程院院士Philip Krein, 电气与计算机工程系主任Bruce Hajek, 土木与环境工程系纽马克讲座教授、中国工程院外籍院士Bill Spencer, 土木与环境工程系国际项目主任Erol Tutumluer等出席仪式。仪式由ZJUI执行院长金建铭主持, ZJU副校长马鸣、ZJU-UIUC联合研究中心联合主任、创院院长李尔平等师生代表参加活动。

Rashid Bashir院长代表UIUC致辞。他表示, 希望以此花篮, 向深受爱戴的浙江大学老校长竺可桢表示最崇高的敬意。竺可桢作为浙大校长和气象学家的事迹广为人知, 然而, 很少有人知道他是UIUC的校友, 他也真正影响了科学、社会、国家和世界的发展。他指出, 很高兴看到这个以“归来·远望”为主题的竺可桢雕像在国际校区的校园里矗立, 未来也将延续UIUC和浙江大学之间长期的合作历史, 并以ZJUI建设世界一流工学院为着力点, 共同努力为国际合作工程教育创造典范。

1906年, UIUC第五任校长埃德蒙·詹姆斯, 写信给时任总统西奥多·罗斯福, 提出了一项计划, 为来美国的中国学生设立奖学金, 该项提议得到了罗斯福总统的支持, 并于1909年正式设立, 命名为“庚子赔款奖学金”。1910年9月, 竺可桢老校长作为第二批庚款留学生登上前往美国的邮轮, 20岁的他站在甲板上, 一边回望故土, 一边憧憬未来; 1913年自UIUC毕业, 1918年在哈佛大学获得气象学博士学位, 拒绝了美国多所高校邀请, 满怀一腔报国情, 返回阔别已久的祖国; 1930年开始发布中国人制作的天气预报, 中国的近代气象事业由此开始; 1936年到1949年任浙江大学校长, 抗战全面爆发后, 举校西迁办学, 胜利完成了中国高等教育史上的“文军长征”, 13年间, 将浙江大学从抗战前只有文理、农、工3个学院16个系的地方性大学, 建设成为有文、理、农、工、法、医、师范7个学院27个系的综合性大学, 成为中国最好的四所大学之一, 被世界著名科技史学家李约瑟誉为“东方剑桥”。从中国“问天”第一人到浙大掌门人, 从科学家到教育家, 竺可桢不仅倡导“求是精神”, 更以身作则, 身体力行, 为师生树立了“求是”的典范。

竺校长“只问是非、不计利害”的求是精神超越民族与文化, 充盈着科学灵性, 充满着教育情怀, 承载着奋进力量。这股力量夯实了浙江大学和UIUC的合作, 凝聚了两校师生。ZJU师生也非常荣幸地见证竺校长百年前种下的种子, 如今仍在茁壮成长, 我们也将责无旁贷地竭尽所能, 使之日益繁茂、蔚然成林。🎉



2023年6月2日下午, 上海交通大学讲席教授、系统工程与能源工程管理专家、中国工程院凌文院士做客第二期鹄湖国际院士大讲堂。凌文院士以“脚踏实地与仰望星空”为主题, 分享了自己不断跨界突破的人生经历与超越固有思维模式的故事。ZJU院长李德铭院士主持活动。

活动中, 凌文院士向与会学子分享了丰富的人生经历, 包括他孜孜求学的学习生涯和勇于挑战的跨界职业经历。🎉

昨天出现在新闻联播里的他，手握13个名校offer，在ZJUI挑战无止境的自定义人生！

时间：15/06/2023 文：俞梦悦 图：受访者提供



6月13日央视《新闻联播》播出的《【学思想 强党性 重实践 建新功】浙江大学推进人才培养和学科建设高质量发展》新闻报道刷屏了浙大人的朋友圈，新闻中被采访的男生正是ZJUI2023届电子与计算机工程专业本科毕业生漆振霆。

漆振霆 2023届电子与计算机工程专业本科毕业生

- 申请季斩获哈佛大学、耶鲁大学、卡内基梅隆大学、加利福尼亚大学伯克利分校、苏黎世联邦理工学院、伊利诺伊大学厄巴纳香槟校区、杜克大学等世界名校的13个offer
- 已有7篇论文发表，其中一作论文4篇，引用量达28
- 有的放矢、不懈求索、坚守热爱
- 充满探索欲、热爱挑战自我的全能型选手

回顾近四年时光，漆振霆感激ZJUI优越的国际化环境和全英文教学，这让他对于美国大学的教学与科研氛围有了深刻的实地体验，并提早适应了英语学术环境，为赴美深造奠定了基础。他认为他最大的获益在于主动性学习和创新探究能力的培养。“ZJUI跨学科的课程体系和实践训练以及教授们别具一格的教学方法，帮助我培养了科研实践能力和自主学习力，给我带来了持续性学习提升。”漆振霆如是说。

他有的放矢的清晰规划，坚持探索的持之以恒，丰富广泛的科研训练，接近满绩的GPA及Graduation with Highest Honors荣誉推荐等，都为他最终收获13个名校offer建立了稳固的根基。📖

从土木工程到计算机视觉，看争渡男孩一路跨界突破、扬帆搏浪

时间：19/07/2023 文：俞梦悦 图：受访者提供



柴文浩 2023届土木工程专业本科毕业生

- 他专注学业，热爱科研，积极投身跨学科工程研究
- 本科期间共发表9篇学术论文，尚有10篇论文在经历同行评议，发表与评议的论文中有10篇是他作为第一作者或共同第一作者
- 将赴华盛顿大学电气工程硕士项目继续深造的柴文浩正在用自己极致的努力诠释对科研的热爱

柴文浩很早就对自己的未来发展确立了清晰的规划，并用实际行动投身于自己热爱的领域，“我尝试了很多不同的研究方向，以找到自己感兴趣的领域。通过在SRTIP项目中积累的科研经验和与ZJUI教授和研究团队的交流，我逐渐明确了自己的研究兴趣，并决定专注于我兴趣所在的领域。”因此，他坚定了他的科研探索之路，并倾注了大量时间和精力在科研上，长期保持着每天十个小时的科研工作时间，从不懈怠。不仅如此，他踊跃参与实验室项目，深入学习实验技术和数据分析方法。“科研不仅仅是理论，实践和实验也是不可或缺的部分。通过实际操作，我能够将理论知识应用于实际问题，并验证自己的研究假设。”

“我一直对计算机视觉这个领域充满浓厚兴趣，并且我相信它在未来将扮演重要的角色，我希望能以此为连接点将土木工程和计算机科学这两个领域结合起来。”柴文浩认为，ZJUI的跨学科交叉教育与研究平台，突破传统学科的限制，开阔视野，拓展技能，坚定了他尝试跨越专业边界的信念，勇敢追求自己的兴趣并将其应用于实际研究中。📖

这位保研浙大计算机学院的ZJUI学子躬先表率，勇立潮头

时间：28/07/2023 文：俞梦悦 图：受访者提供



孔子泰 2023届电子与计算机工程专业本科毕业生

他是奋勇担当的奉献者，也是学术科研的探究者 勤勉扎根学业 热忱志愿服务 玩转多重身份 探索无限可能 4年他积累了近116小时的志愿时数 他担任ZJUI本科生第二党支部副书记 也从ZJUI保研至浙江大学计算机科学与技术学院 直接攻读博士学位

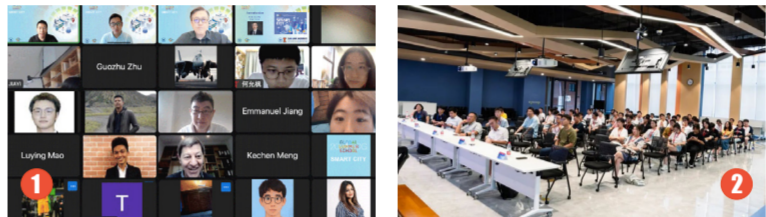
他的幸福感与成就感来自于老师同学的信任，更来自于他乐于奉献的每个瞬间。大学四年期间，从协助学院防疫抗疫到嘉兴南湖革命纪念馆志愿讲解员，他的累计志愿者小时数达115.64小时，曾获得浙江大学二星级志愿者。这些志愿服务活动，让他由衷地体会到了责任心和使命感带来的充实和快乐。他的脚步还跟随社会实践活动，深入到了云南省普洱市景东彝族自治县。他与团队一起在景东开展了社会调研与支教，在那里他真切看到了偏远山区的实际情况，了解到了广大一线扶贫工作人员做出的努力和牺牲。

专业成绩排名保持前十、连续三年获得浙江大学二等奖学金、学业优秀标兵等荣誉及竞赛奖项，跻身“2023届浙江省优秀毕业生”，“UIUC Bachelor of Science in Computer Engineering with Highest Honor”名单。在专业学习方面，孔子泰负重披荆，蓄势待发。“学习没有捷径可走，唯有勤方能补拙。”孔子泰如是说道。📖

镜观ZJUI



时间：2023年8月16日 ZJUI交换生赴UIUC始业教育



2023年7月1日到7月13日，由ZJUI与印度尼西亚教育部Beasiswa Indonesia Maju奖学金项目合作举办的优秀青年夏令营(BEST program)成功举办。

- 1.2023 SDG 全球暑期学校“智慧城市”模块顺利举办
- 2.2023优秀大学生夏令营活动成功举办
- 3.陈喜群教授团队在Nature Sustainability发文阐明标准化驾驶行为的排放机制
- 4.ZJUI郑子睿、胡润、樊豪成三名2019级本科生论文在2023国际环境和水资源会议中获最佳本科生论文奖第二名!
- 5.ZJUI 2023 毕业设计展

ZJUI本研学生关于高分辨率三维口扫影像语义分割成果被医学图像处理国际顶级会议MICCAI(2023)接收！

时间：25/07/2023 图文：刘佐珠课题组

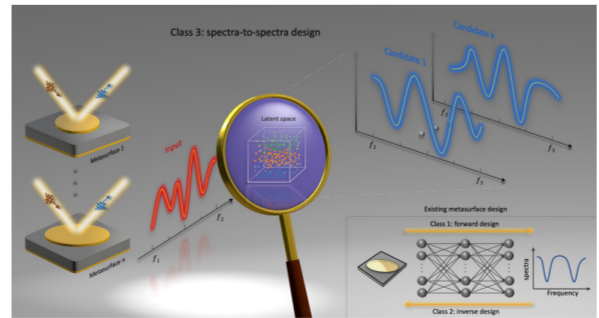
近日，我院一项关于高分辨率三维口扫影像语义分割的研究成果TSegFormer: 3D Tooth Segmentation in Intraoral Scans with Geometry Guided Transformer 被医学图像处理国际顶级会议MICCAI(2023)接收，我院博士生熊慧敏和2023届电子与计算机工程专业本科生黎堃东、谭凯元为论文共同第一作者，ZJUI研究员、助理教授刘佐珠为论文通讯作者。该论文提出了一种全新的端到端的IOS语义分割框架并设计了一种基于新型点曲率的几何引导损失函数，进一步提高了算法的分割、泛化性能和算法的临床可适用性，为数字化口腔实践应用提供了高精度的算法基础和可信的数据基础。MICCAI全称为Medical Image Computing and Computer Assisted Intervention，是国际公认的跨医学影像计算(MIC)

和计算机辅助介入(CAI)两个领域的顶级综合性学术会议之一，涵盖医学图像计算、计算机辅助介入、计算机辅助诊断等多个领域。

此项研究成果主要聚焦人工智能与口腔医学交叉研究。当前的数字化口腔医疗中，口内扫描仪(intraoral scanner, IOS)被广泛应用于提供高精度的三维牙冠和牙根信息的情况，且实现精准的三维IOS牙齿牙根分割在各类口腔疾病诊疗(如口腔正畸)中至关重要。然而，在实现全自动的临床可适用的IOS分割上仍面临不少挑战，如已有算法仍面临过度依赖耗时时的基于算法或人工的后处理技术，在不同复杂病例中泛化性能较差和临床可适用性评估缺乏等。📖

科研在线！Nature Communications报道我院钱超研究员最新研究成果：第三类超表面智能设计-频谱自关联

时间：21/08/2023 图文：钱超团队供稿



近期，国际知名综合期刊《自然·通讯》(Nature Communications)以“Correlating metasurface spectra with a generation-elimination framework”为题在线报道了浙江大学伊利诺伊大学厄巴纳香槟校区联合学院(ZJUI)钱超研究员及其团队的一项最新研究成果。课题组提出了第三类超表面设计概念，用于实现复杂频谱的相互关联。📖



喜报 | ZJUI研究员、副教授刁瑞强当选英国工程与技术学会会士(IET Fellow)！

时间：28/07/2023 图文 | 张漪

近日，经英国工程与技术学会(IET, The Institution of Engineering and Technology)评选，ZJUI研究员、副教授刁瑞强成功当选英国工程与技术学会会士(IET Fellow)。

据悉，英国工程与技术学会现拥有超过15万会员，遍布全球128个国家，是国际著名的专业技术学会，其专业分类涉及能源电力、交通运输、信息与通信、设计与制造、建筑环境等5大行业，40多个专业领域，目前在全球150个国家拥有16.7万多名会员，规模为欧洲之最、全球第二，旗下拥有Inspec文献索引和70余种国际刊物。在近150年的历史中，IET对人类的科技进步做出了巨大的贡献，会员中涌现了大量的优秀人物。英国工程与技术学会会士(IET Fellow)是IET学会的最高学术荣誉，授予在科学与工程技术领域展示高度责任感并取得重要成就的杰出人才。IET每年遴选约300名会士(Fellow)，其中中国内地入选者20-30名。📖



喜报 | 浙江大学ZJUI崔佳欢研究员团队荣获CCF全国高性能计算学术年会“2023年度中国超算最佳应用”

时间：29/08/2023记者：图文整理自2023年CCF全国高性能计算学术年会新闻

8月26日，“算力互联·智领未来”2023年CCF全国高性能计算学术年会(CCF HPC China 2023)圆满落下帷幕，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、助理教授崔佳欢团队凭借其“基于神威超算的超大规模高精度航空发动机气动热力学模拟”项目研究成果荣获“2023年度中国超算最佳应用”奖项。作为高性能计算领域全球最具影响力的三大超算盛会之一，该会议旨在通过前沿学术成果交流，创新应用技术展示，促进超算技术应用生态与科研、产业数字化升级转型，展现我国在超算领域的全新魅力。

“中国超算最佳应用”每年评选一次以表彰在中国高性能计算方面的杰出成就，目的是追踪并行计算的发展，激励高性能计算在科学、工程 and 大规模数据分析应用程序等领域的应用创新，颁发给国内在重要科学和工程难题的可扩展性和解决时效性方面的最佳表现或特殊成就。今年唯一获此殊荣的是由浙江大学的崔佳欢、郑耀，清华大学和国家超算无锡中心的杨广文、刘列等组成的联合团队。📖