



ZJUI

NEWSLETTER

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On April 8, an Open Day was held for the first time at the International Campus. More than 300 high school students and their parents participated. The ZJU-UIUC Institute (ZJUI) helped visitors experience life at ZJUI through discussions about education, presentations by UIUC professors, a 2017 admissions Q&A session, a poster session featuring our students, campus tours, and dining.

By 9:30 a.m., the ZJUI admission consulting desk was crowded with visitors. ZJUI Dean Prof. Li Erping, professors, and staff answered questions from visitors.

Late in the morning, ZJUI Executive Dean Prof. Philip Krein presented "The Next Generation of Creative Engineers: Changing the World Beyond Imagination." He illustrated to visitors the driving force of engineering innovation in social development. He also elaborated on the educational philosophy and models at ZJUI, and pointed out that ZJUI combines the strengths of the East and the West in its mission to produce global engineering leaders.


ZJU Vice President and Executive Vice Dean of the International Campus Ying Yibin, Vice Dean K. C. Ting, Master of Residential College Lap-Chee Tsui, ZJUI Dean Li Erping, ZJUI Executive Dean Philip Krein, ZJE Dean Ouyang Hongwei, and Director of ZJU Undergraduate

Open Day: An Opportunity for Students & Parents to Experience "World-Renowned Universities at Your Doorstep"

April 8th, 2017



Admission Office Wang Dong participated in a panel discussion about admissions and programs.

After lunch, Prof. Mats Selen of the UIUC Department of Physics presented "Thinking Like a Scientist: The Role of Design and Creativity." Prof. Sanjay Patel of the UIUC Department of Electrical and Computer Engineering presented "Computing in the Era of the Intelligent Machine." 

Symposium on Sino-foreign Educational Cooperation Programs Is Successfully Held

May 19th, 2017




On the occasion of the 120th Anniversary of ZJU, ZJUI hosted a Symposium on Sino-Foreign Educational Cooperation Programs at the International Campus on May 19. Representatives of several Sino-Foreign cooperative education institutions in China attended, including those from the University of Michigan-Shanghai Jiao Tong University Joint Institute; the Chinese University of Hong Kong, Shenzhen; the University of Nottingham, Ningbo; Duke-Kunshan University; Glasgow College, University of Electronic Science and Technology of China; International College, Renmin University of China.

During the Symposium, Mr. Fu Qiang, Assistant President of ZJU and Vice Dean of the International Campus, briefed the audience on the status and future plans for the International Campus. He elaborated that "ZJU plays a leading role the high-level international educational cooperation with multiple overseas world-class universities," and expressed hopes to strengthen exchanges and communication with the other Sino-Foreign cooperative education institutions to jointly solve common issues and address challenges.

Prof. Li Erping, Dean of ZJUI, briefed the audience on the education plans at ZJUI, elaborated on the ZJUI cross-disciplinary innovative engineering education model, and sought to leverage the Symposium and other platforms to draw on the experience of peer institutions to jointly explore pathways for international educational cooperation.

At the Symposium, representatives shared overviews and distinctive features of their respective institutions, as well as the difficulties and challenges. Zheng Gang, Associate Dean of the University of Michigan - Shanghai Jiao Tong University Joint Institute shared their teaching quality control and monitoring measures. Zhang Shaofeng, Admission and Employment Division Chief of the Chinese University of Hong Kong, Shenzhen, briefed the audience on Liberal Arts Education and their experience in creating college culture. He expressed the hope that Sino-Foreign cooperative education institutions in China would strengthen their cooperation in the enrollment of international students. Li Hui, Senior Advisor to Chancellors of Duke Kunshan University, introduced the cross-disciplinary research centers at Duke Kunshan University. Chen Wei, Associate Dean of Sichuan University-Pittsburgh Institute (SCUPI) reflected on practices for student active learning.

At the Symposium, 13 Sino-Foreign cooperative educational institution representatives shared their experience on international higher educational cooperation, discussed models for cooperative development, addressed sustainable operations, and discussed how to enhance educational features and international impact. 



A New Semester Begins at ZJUI


February 27th, 2017



For the Spring 2017 semester, ZJUI received a group of faculty members from UIUC and ZJU. Prof. Mats Selen from UIUC and Prof. Zhang Jianbo from ZJU co-lecture on "University Physics: Mechanics;" Prof. Vadim Zharnitsky lectures on "Calculus II," Prof. Gang Logan Liu is leading "Introduction to Electronics," and Prof. Volodymyr Kindratenko leads "Introduction to Computing." Profs. Aaron LaDuke and Marilyn Holguin will continue to lead rhetoric sessions. In addition, Prof. Lu Xuanhui, Researcher Huang Kejie, Associate Prof. Cui Ning, Dr. Jiang Jiaqing and Dr. Zhao Dantong provide guidance in experiment and discussion classes.

February 27 marked the first day of the 2017 Spring term.

Prof. Mats Selen, 2016 U.S. Professor of the Year, presented the first lecture of the course "University Physics: Mechanics." The theory, discussion and experiments used in this course are all based on the "SmartPhysics" teaching system developed by Prof. Selen and his colleagues. The system fully leverages Internet and modern educational technologies, and has been popular among UIUC students for many years. The systems gives access to physics knowledge beyond a textbook treatment. It enables assignment release and submission, quizzes and student assessment. It allows professors to interact in real time with students, with faculty accesses to student feedback and real-time experimental data so as to assess student understanding of course content.

The i-Clicker electronic feedback device is being used for the first time in Spring 2017 ZJUI. Prof. Selen raised questions at class, to which students responded via i-clicker. Each answer was projected (anonymously) immediately on the screen. For example, when a vehicle speed experiment was illustrated, the vehicle's speed curve immediately appeared on the screen, along with student expectations about how the vehicle would behave. 


International Workshop on High-Performance Computing for Electromagnetic and Multiphysics Modeling

May 12th, 2017



On May 12-13, a two-day international workshop on High-Performance Computing for Electromagnetic and Multiphysics Modeling was held on the International Campus. The workshop was organized by Prof. Jianming Jin, UIUC, Prof. Erping Li, ZJUI and Prof. Wen-yan Yin, ZJU. This workshop was sponsored by ZJUI and the Faculty of Information Technology of Zhejiang University, and cosponsored by Shanghai Jiaotong University, Hangzhou Dianzi University, the Sub-Society of Technology and Application on Complex Radiation Fields, and Xpedic Technology Co., Ltd. It attracted more than 120 experts and scholars.

Prof. Jianming Jin delivered opening remarks. He emphasized that for over 50 years, progress in computational electromagnetics has played an important role in scientific research, technological development, and engineering applications in both commercial and defense industries. The emerging research on multiphysics modeling is expected to have a much broader range of application and greater potential in a variety of scientific and technological fields. Prof. Erping Li welcomed the participants and introduced ZJUI.


At the workshop, 17 distinguished speakers were invited to present their work and share their vision. They included Amir Boag, Tel-Aviv University, Israel; Tie Jun Cui, Southeast University, Nanjing, China; Eric Michielssen, University of Michigan, USA; Hao Ling, University of Texas, USA; Narayana Aluru, University of Illinois, Urbana, and others. The workshop held sessions on multiphysics modeling that involves electromagnetics; recent advances in computational electromagnetics and high-performance computing for large-scale electromagnetic computation; and technical challenges in multiscale and multiphysics modeling. 



UIUC Conducts Teaching Quality Assessment at ZJUI

April 26th, 2017



From April 23th to 26th, 2017, UIUC conducted an in-person teaching quality assessment at ZJUI. The assessment team members were Professor Kevin Pitts, Associate Dean for Undergraduate Studies in the College of Engineering, Professor Laura Hahn, Director of the Academy for Excellence in Engineering Education, Professor Kelly Ritter, Director of the Undergraduate Rhetoric Program in the College of Liberal Arts and Sciences, Mr. William Dick, Assistant Dean for Research and ZJUI Managing Director, and Professor Jonathan Makela, Director of Academic Affairs, UIUC-ZJU Partnership. The team assessed five courses including four courses given by UIUC teachers and one course given by an instructor from ZJU. The assessment was carried out through classroom visits, student input, teacher interaction, and round-table discussions with all ZJUI faculty. The assessment team concluded that the overall teaching quality at ZJUI is at the same level as seen at UIUC. Teaching and program assessment is carried out at ZJUI as least every term, and in-person assessments will also be a regular feature. 

News in Pictures

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1. Chinese painting penmanship club recruited new members at the end of March.
2. Volunteers welcome the attendees of the University Presidents Summit on May 21st.
3. PATIO BBQ on May 9th.
4. Students volunteer during Open Day, striking a "Qishi Eagle" pose.
5. The Small Ball Club hosted two activities in April.

