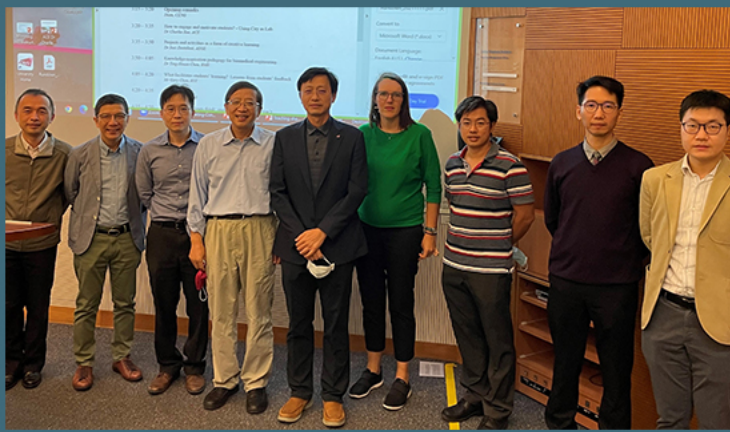




Event



College of Engineering

The first Teaching Sharing Session of the College was held on 12 November 2021. Six CENG Outstanding Award recipients of 2020-21, Dr Charlie XUE (ACE), Dr Inez ZWETSLOOT (ADSE), Dr Ting-Hsuan CHEN (BME), Mr Gary CHAN (BST), Dr Chung CHAN (CS) and Dr Cheng WANG (EE) shared their insights about good teaching with the audience.

Faculty Achievement



Highly Cited Researchers

College of Engineering

13 faculty of the College were named by the Clarivate Analytics as the “2021 Highly Cited Researchers”.

Name	Category
Prof CHEN Guanrong	Engineering
Prof Paul CHU	Materials Science
Prof FENG Gang	Engineering
Prof HE Jr-Hau	Cross-Field
Dr HE Qiyuan	Cross-Field
Prof K M LIEW	Cross-Field
Prof Alex JEN	Materials Science
Prof Andrey ROGACH	Materials Science
Dr TAN Chaoliang	Cross-Field
Prof YIP Hin-Lap	Materials Science
Prof ZHANG Hua	Chemistry & Materials Science
Prof ZHANG Qichun	Cross-Field
Prof ZHI Chunyi	Materials Science

Highly-cited researchers are selected for their exceptional research performance, determined by production of multiple highly-cited papers that rank in the top 1% by citations for field and year in the Web of Science.

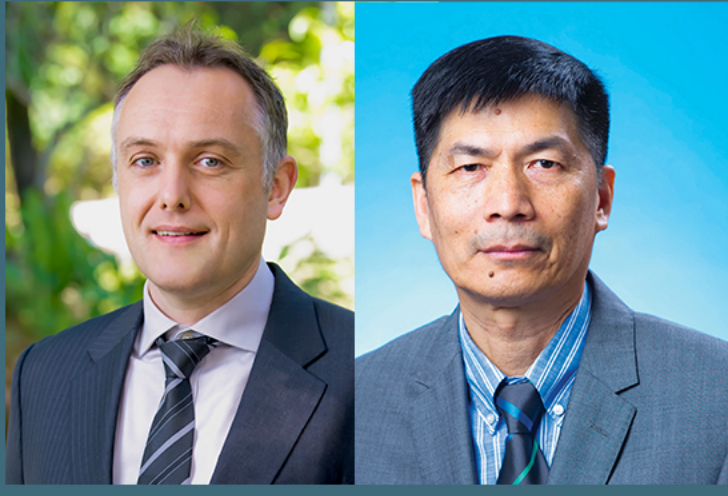
Faculty Achievement



Department of Architecture and Civil Engineering

The ACE Department received the Bronze Construction Digitalisation Award 2021 from the Construction Industry Council. This award is bestowed upon local organisations for their contribution in promoting digitalisation tools and workflows to improve productivity, quality, sustainability and safety.

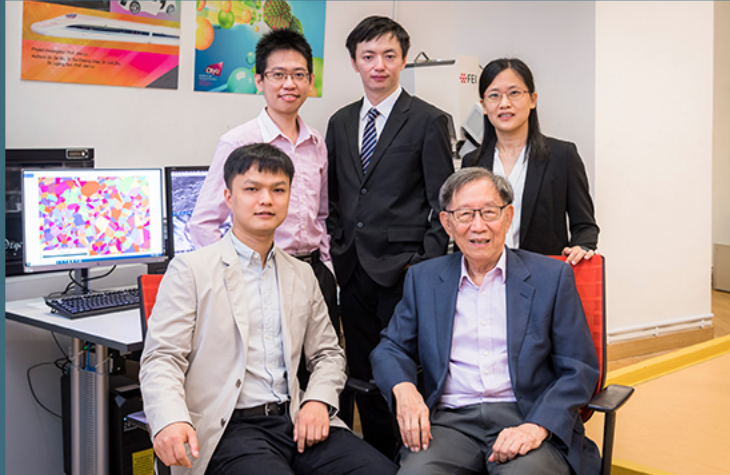
Faculty Achievement



Departments of Computer Science and Mechanical Engineering

Dr Gerhard Petrus HANCKE and Prof LI Youfu were named Fellow of the Institute of Electrical and Electronics Engineers (IEEE) 2022 for their outstanding contributions to secure and resilient wireless technology for the Industrial Internet-of-Things, and active visual sensing respectively.

Faculty Achievement



Department of Materials Science and Engineering

The research team led by Prof LIU Chain-Tsuan and Dr YANG Tao has recently developed an innovative design strategy for fabricating advanced titanium alloys by 3D printing, and their findings were published in *Science* with the title “In situ design of advanced titanium alloy with concentration modulations by additive manufacturing”.

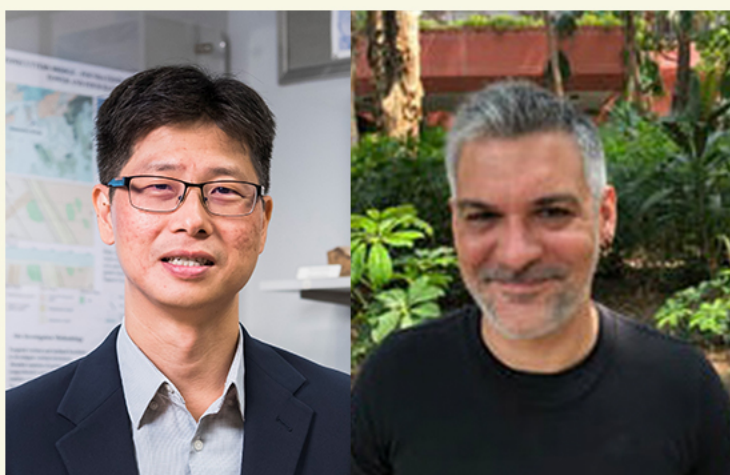
Faculty Achievement



Departments of Computer Science and Mechanical Engineering

Prof WANG Cong and Prof YANG Yong each secured more than HK\$1.1M research funding from the NSFC/RGC Joint Research Scheme 2021-22 for their projects “Towards Secure and Privacy-enhanced Machine Learning as a Service” and “Two-Dimensional Metallic Glasses: From Synthesis, Physical/Mechanical Properties to Alloy Design” respectively.

Faculty Achievement



Department of Architecture and Civil Engineering

A paper entitled “Experimental study on the coefficient of restitution of grain against block interfaces for natural and engineered materials” by Prof WANG Yu, Dr Kostas SENETAKIS and their collaborators was published in the *Canadian Geotechnical Journal*. The paper was also named the “Editor’s Choice Selection” by the journal as a recognition of the high quality and potential impact of the study.

Faculty Achievement



Department of Materials Science and Engineering

Prof ZHI Chunyi, Dr FAN Jun and Prof CHEN Furong jointly published their research findings in *Joule* under the title “Intrinsic voltage plateau of a Nb2CTx MXene cathode in an aqueous electrolyte induced by high-voltage-scanning”. Additionally, Prof ZHI Chunyi published another article titled “Categorizing Wearable Batteries: Unidirectional and Omnidirectional Deformable Batteries” in *Matter*.

Student Achievement



Department of Electrical Engineering

Mr LAW Chun Kit was selected as the recipient of the Targeted Taught Postgraduate Programmes Fellowship Scheme. The Scheme, already in its 3rd year, adopts a merit-based approach in selecting students and is highly competitive. It aims to attract more meritorious local students to pursue further studies in priority areas conducive to the development of Hong Kong. The maximum amount of scholarship is HK\$0.12M.

Alumni Achievement



Department of Architecture and Civil Engineering

Miss ONG Qiao Min, a recent surveying graduate, received the Autodesk Hong Kong BIM Award 2021. Supervised by Dr Calvin KEUNG, her award-winning project was titled “Using Multiuser VR Peripherals in BIM-based Design Coordination”. Miss ONG is the first student in the surveying discipline to obtain this award.