

Dean's View

A Fresh Dialogue Begins



Welcome to the first issue of the School of Engineering (SENG)'s electronic *In Focus*! In line with the fast pace and interactivity of today's world, this edition heralds the migration of our long-established print magazine to a new e-platform. *e-In Focus* will better integrate with the School's other digital outlets and social media forums. The move will enable timelier updates through greater frequency, and open up a variety of formats to convey our news, such as audio and video. It will also present greater opportunities for dialogue and feedback from readers, including past, present and...

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Cover Story



Shaping the Food and Shaking the Cocktails of Tomorrow

Three engineering alumni have embarked on their tech entrepreneurial journey to bring innovation to the menu. They have taken the start-up world by storm with their prospective companies, Meat the Next and XOXO Beverages.

Research Impact



Project Led by Prof. ZHANG Limin Received HK\$74 Million Funding under RGC Theme-Based Research Scheme

Titled "Digital Twin-Empowered Landslide Emergency Risk Management", the joint university-government-industry project received the largest amount of funding among the nine approved projects in the scheme this year.

In the News



HKUST Thought Leaders' Tech Insights at Summer Davos



HKUST Unicorn Day: Where Ideas Meet Action



Department of Chemical and Biological Engineering Celebrated its 30th Anniversary



HKUST Students Shone at the Dean of Engineering Scholarship Ceremony



HKUST Underwater Robot Competition Promoted STEAM Education and Social Inclusion among 600 Students and Teachers



HKUST-Sino One Million Dollar Entrepreneurship Competition 2023 Tackled Health and Sustainable Development Issues with Innovation and Technology

Faculty Insight



HKUST Researchers Developed a Method to Customize Materials to Treat Three Chronic Conditions

A team of researchers led by Prof. CHAU Ying of Chemical and Biological Engineering has made a groundbreaking discovery that brings new hope for treating dry eye disease, macular degeneration, and knee osteoarthritis – common chronic conditions among the elderly.

Teaching



HKUST Students Co-Created 2050 University Campus in Metaverse

Students enrolled in the Engineering Team Design Experience common core course in Spring 2023 had a taste of co-creating the 2050 HKUST campus on a virtual platform inside a mixed reality classroom.

Faculty Column

Meeting the Challenge of Net Zero Faster

The pursuit of net-zero emissions by 2050 is a pressing and highly challenging endeavor. Prof. SHAO Minhua shares his perspectives on the key factors that must come into play for the world to achieve this ambitious target.



Achievements



Prof. CHEN Hao Named a 2023 Asian Young Scientist Fellow

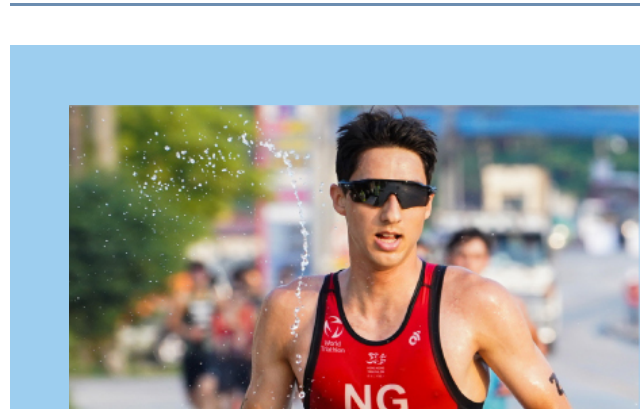


Prof. WANG Yiwen Won Distinguished Young Scholar Award in Inaugural National Brain-Computer Interface Conference



CSE PhD Candidate DONG Wei Awarded for Innovative Solutions to Differential Privacy and Security of Database Systems

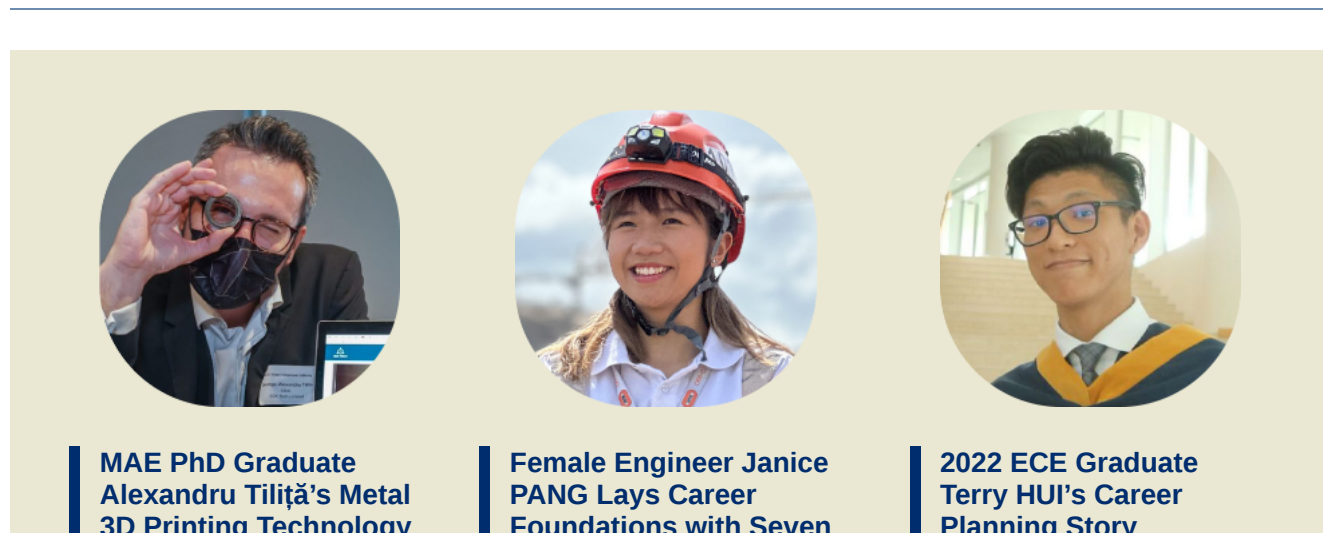
Students



Engineering an "Ironman": How Triathlete Jason NG Pushes His Boundaries

Training for triathlon is grueling exercise, and even more challenging while studying at university. Jason NG Tai-Long, an engineering undergraduate, is defying all the odds. He spends hours in the pool, in the gym, on the bike, running miles on end training several hours every day.

Alumni



MAE PhD Graduate Alexandru Tiliță's Metal 3D Printing Technology

Female Engineer Janice PANG Lays Career Foundations with Seven Job Offers

2022 ECE Graduate Terry HUI's Career Planning Story

