

NEWSLETTER OF

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Message from the Dean

I have been with the School of Energy and Environment (SEE) for almost six months. Thanks to the help of my SEE colleagues, I have managed to make the transition quickly into the role of School Dean.

During this transition, I met with all of the faculty and most of the supporting staff members. I also participated in some student organised activities. The more I learn about the School, the more confident I feel that SEE can be an internationally leading School.

In 2019-2022, SEE faculty members undertook 355 research projects and secured HK\$336 million research in funding, including HK\$11.65 million Collaborative Research Fund projects led by Dr Carol Lin and Dr Chunhua Liu; HK\$6.15 million Research Impact Fund projects led by Prof. Alvin Lai, Prof. Chak Chan and Dr Patrick Lee; three Green Tech Fund projects totalling HK\$13.6 million led by Prof. Alex Jen, Prof. Chak Chan and Prof. Yun Hau Ng; HK\$2.7 million from the EU/HK Research and Innovation Cooperation fund for Dr Carol Lin; and HK\$2.5 million for a Mainland-Hong Kong Joint Funding Scheme project led by Dr Sam Hsu. Two of our faculty members (Dr Alicia An and Dr Chunhua Liu) were awarded RGC Research Fellowships, and each received HK\$5.2 million in research funding. More than half of our faculty members are listed among the world's top 2% most highly cited scientists according to discipline-specific metrics analysed by Stanford University.

Our students and faculty members also received a number of prestigious awards and honours. For example, Prof. Wen-Xiong Wang and Prof. Michael Leung were named endowed professors. Our students also received awards for the best presentations at international conferences, Climate Action Recognition Scheme, and HKIE competitions.

For the past few months, our School has been proactively recruiting top talents to strengthen our academic programmes, research, and development. We have successfully recruited a world-leading researcher on urban water management from Australia, a rising star in solar energy conversion from Germany and two young talents with PhD from University of California San Diego and Harvard University who are working on energy and environmental research. The faculty recruitment exercise is continuing, and more talent will soon join SEE. Meanwhile, I am also working with senior administrators on the better retention of talent by providing good services and opportunities for them to excel. Teaching is the top priority for our School. To encourage excellent teaching and share best practices, we launched the SEE Teaching Excellence Award Scheme. Starting in 2023, we will honour two excellent teachers each year, one designated for non-substantiated junior faculty members and another for substantiated (tenured) faculty members. After the award presentations, the awardees will be invited to share their teaching best practices with all SEE members. The undergraduate committee will also organise sessions for students to exchange ideas on the best ways of enriching their academic and extracurricular activities.

To meet the demand for education in the energy, environment and sustainability fields, we have increased our MSc quota this year, and will introduce two new streams – "Energy" and "Environment" – which will be in addition to the MSc Energy and Environment curriculum from 2024/25. We have also revitalised our curricula to provide environmental, social and governance (ESG) electives and content for our undergraduates. We are also in discussion with the College of Business to establish an ESG-related double-degree undergraduate programme.

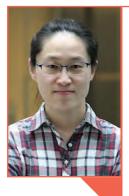
We are extremely glad that the pandemic has ended. To strengthen our international alliances, we plan to catch up on the international exchanges for students and faculty members that had to be suspended. We will also organise international symposia and conferences to promote CityU's SEE in the coming year. Meanwhile, SEE Dean's Distinguished Lecture Series has been launched to receive prominent speakers to come to SEE for a short visit.

I am delighted to quote the comment from the Academic Adviser that "SEE is on a very positive trajectory in all aspects". We are confident that we are becoming a leading hub internationally for knowledge creation, transmission and transfer towards a society with sustainable energy, balanced climate and clean environment.

Prof. Guohua Chen Dean School of Energy and Environment City University of Hong Kong

Staff Development

Welcoming New Faculty Members



Dr Xue Wang Assistant Professor

Dr Xue Wang received her PhD degree in Chemistry from Xiamen University in 2015 under the supervision of Prof. Zhaoxiong Xie and Prof. Younan Xia. During her graduate studies, she worked at the Georgia Institute of Technology as a visiting graduate student (2013–2015). After receiving her PhD, she was appointed Associate Professor at the Lanzhou Institute of Chemical Physics, Chinese Academy of Sciences (2016–2017). She subsequently worked as a postdoctoral fellow with Prof. Ted Sargent at the University of Toronto, becoming an assistant professor in January 2023 before joining SEE. Dr Wang's research expertise encompasses nanomaterial design, electrocatalysis and reaction engineering, with a particular emphasis on energy-related applications.



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Spotlight

Young overseas faculty members in SEE

Dr Jin-Soo Kim Assistant Professor

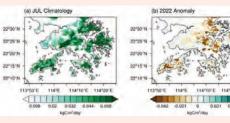


Welcome to SEE and Hong Kong! When did you join SEE, and why?

Thank you for your welcome. I joined SEE last July. I had very good memories of CityU and Hong Kong after I attended a 2017 climate research workshop at CityU that was supported by SEE, so when I saw an opening for a faculty position I did not hesitate to apply.

What are your research interests and recent research? How do they affect our future?

I'm interested in climate system science, earth system modelling, the terrestrial carbon cycle, carbon-climate feedback, and fire dynamics. Those topics are linked to carbon neutrality and future climate changes. Recently, I started researching heatwaves in Hong Kong and carbon uptake amounts by Hong Kong's forests. These studies' results will support better preparations for ongoing global warming.



Is there any difference in conducting research here in Hong Kong compared with your previous experience in other locations?

It was wonderful to see so many passionate and talented students go on to PhD programmes. I'm delighted to be able to contribute to a sustainable future by helping them tackle climate issues here in Hong Kong.

Do you have a motto that helps you stay curious and passionate in teaching and research?

Mainly that study at SEE is not limited to career development or academic studies, but it is also useful for the environment and our future. The world is getting more and more distorted and my motto is "change comes from me", so I try to do research and teaching that will put it right.

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Do you have any advice for students who wish to embark on a career as a researcher or professor?

Find your favourite research topic. Research is about exploring unknown worlds, worlds that no one has ever been to. Once the passion starts, no one can stop it. You don't have to look too far. If you live your days authentically, each day will give you a fantastic future.

Dr Jung-Eun Chu Assistant Professor

Welcome to SEE and Hong Kong! When did you join SEE, and why?

I've been working on finding both the evidence and physical mechanisms for weather extremes and climate change. I've always been interested in how these findings might be used in daily life. I've found SEE to be the ideal place to bridge science, engineering, and society.

What are your research interests and recent research? How do they affect our future?

I'm interested in how climate change will influence extreme weather events, such as typhoons, floods, and tornadoes. In addition, I'm intrigued by cutting-edge technological applications for climate science, such as high-resolution modelling and artificial intelligence. Considering their impacts on both property and lives, assessing the future risks of extreme weather events is very important. My ultimate goal is to provide a scientific basis for future climate change while improving the quality of the data.

Is there any difference in conducting research here in Hong Kong compared with your previous experience in other locations?

I think there are more opportunities in Hong Kong to carry out research that is closely connected to society and human life. In addition, SEE is unique in that we conduct diverse, interdisciplinary research. For research (and for myself), it is "Every cloud has a silver lining". Research rarely goes in the direction we predict. As researchers, we have to be persistent and optimistic in order to reach our goals.





Do you have a motto that helps you stay curious and passionate in teaching and research?

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Although I don't have a particular motto, our dynamic Earth system always inspires me. The weather changes every day; and we have observed climate change in recent decades. This makes me curious about both the weather and the climate and motivates me to educate students so that they understand our Earth system.

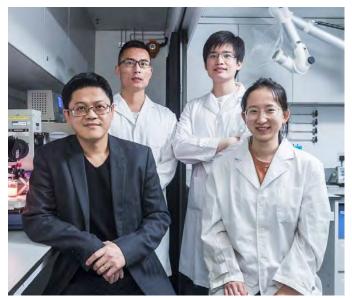
Do you have any advice for students who wish to embark on a career as a researcher or professor?

Being a researcher is like running a marathon. There is a longer course waiting for you once you finish a marathon. Being a professor is like leading a team through a race. You need to instruct and encourage your team members so that they don't fall behind. The key therefore is to maintain good body and mental health while enjoying the running itself.

Research Success

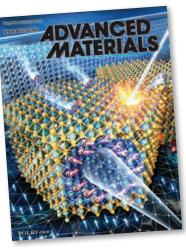
Dr Sam Hsu's team unravels the interfacial dynamics of lead-free bismuth-based halide perovskites

Building on their previous work, Dr Sam Hsu's research team is uncovering the intrinsic and interfacial properties of a lead-free hybrid perovskite halide material (i.e., $MA_3Bi_2CI_{9-y}I_y$). Similarly, they are systematically investigating the dynamic interfacial interactions of bandgap funnelling in $MA_3Bi_2CI_{9-x}I_x$ perovskites using temperature-dependent transient photoluminescence and electrochemical



Dr Sam Hsu Hsien-yi (front row, left), Dr Tang Yunqi (front row, right), and Mr Stanley Mak Chun-hong (back row, right).

voltammetric techniques. This combination of photophysical and electrochemical techniques has enabled them to fully characterise the solid–solid and solid–liquid interfaces of $MA_3Bi_2Cl_{9-y}l_{yr}$ opening up



new avenues for exploring the intrinsic interfacial properties of semiconductor materials and for elucidating the correlation between material properties and device performance. Their findings were published in *Advanced Materials* in a paper titled "Unravelling the interfacial dynamics of band-gap funneling in bismuth-based halide perovskites" (DOI: 10.1002/adma.202207835), which was also featured on the inside back cover of this prestigious journal.

This work was jointly led by two members of Dr Sam Hsu's group at SEE: first author Dr Yunqi Tang, who is a PhD graduate and former member of the group, and second author Mr Stanley Chun Hong Mak, who is a current PhD student in the group.

Dr Sam Hsu funded by Mainland-Hong Kong Joint Funding Scheme for the commercialisation of next-generation light-emitting diodes

Dr Sam Hsu received approximately HK\$2.5 million in funding in addition to over HK\$3 million from the Research Talent Hub of the Mainland-Hong Kong Joint Funding Scheme (MHKJFS), which was launched by the Ministry of Science and Technology and the Innovation and Technology Commission. MHKJFS aims to support research and development (R&D) collaboration between universities, research institutes, and technology enterprises in Hong Kong and the Mainland. Dr Hsu's two-year project will focus on the development of large-area, high-performing, and stable perovskite light-emitting diodes.

The global market for LED lighting was US\$55,201.9 million in 2020 and it is expected to reach US\$152,442.3 million by 2030. However, there are currently several technical problems hindering the commercialisation of perovskite light-emitting diodes (PeLED). To solve these problems, Dr Hsu and his team are using a combination of structure–activity relationship studies and theoretical simulations of PeLED materials to design a rational material structure for development into a film manufacturing technology for application in large-area fabrication. Additionally, they will employ grazing-incidence wide-angle X-ray scattering to explore the crystallisation kinetics of these materials, and photophysical and photoelectrochemical technologies to characterise the charge recombination dynamics in their perovskite emissive layers and other interlayers, and at their interfaces. Finally, in-situ testing and characterisation methods will be applied to delineate these materials' key failure mechanisms and thereby guide material optimisation and device construction.



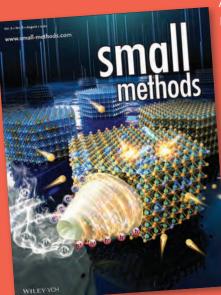








Dr Sam Hsu's paper featured on the back cover of Small Methods



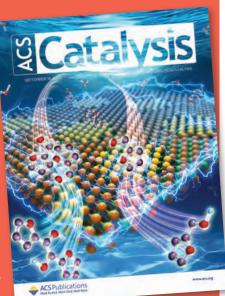
A paper by Dr Sam Hsu, titled "Bandgap funneling in bismuth-based hybrid perovskite photocatalyst with efficient visible-light-driven hydrogen evolution" (IF: 15.367; DOI: 10.1002/smtd.202200326), was featured on the back cover of *Small Methods*. A summary of the work described in this paper is presented below.

A photocatalytic system that uses a hydrohalic acid (HX) for hydrogen production is a promising strategy for generating clean and renewable energy, and value-added chemicals (such as X₂/X₃⁻). Nevertheless, such systems require photocatalysts that are active under visible light and are resistant to strong acid, which are currently underdeveloped. However, hybrid perovskites have been recognised as a potential new class of photocatalysts for such photovoltaic HX-splitting applications. Accordingly, Dr Hsu and his team have developed a novel environmentally friendly mixed-halide perovskite, MA₃Bi₂Cl_{9-x}l_x, that has a bandgap funnel structure. Because of the gradient neutral formation energy within iodine-doped MA₃Bi₂Cl₉, the concentration of iodide decreases from the surface to the interior of $MA_3Bi_2CI_{9-x}I_x$. The aligned energy levels of iodide/chloride- MA₃Bi₂Cl_{9-v}l_v results in the formation of a graded bandgap funnel structure. This unique structure facilitates photoinduced charge transfer from the interior to the surface, leading to an efficient photocatalytic redox reaction. This novel anion-exchange technique based on a bandgap funnel structure opens up new avenues for designing next-generation solar-to-fuel semiconductors that will have practical applications in the emerging field of energy-generation technology.

Dr Jason Lam's research featured on the front cover of *ACS Catalysis*

A paper by Dr Jason Lam's paper, titled "The structural phase effect of MoS_2 in controlling the reaction selectivity between electrocatalytic hydrogenation and dimerization of furfural", was featured on the front cover of *ACS Catalysis* Volume 12, Issue 18. A summary of the work described in this paper is presented below.

The development of a multifunctional electrocatalyst for upgrading biomass-derived platform molecules will diversify the product outcomes of biorefineries and strengthen their role in the current petroleum-dominated economy. This work described in this paper demonstrates that the structural phase distribution of a transition metal dichalcogenide catalyst, MoS₂, can be exploited to control the reaction pathway between the electrocatalytic hydrogenation (ECH) and electrocatalytic dimerization (ECD) of furfural (FFL). Specifically, a series of carbon-supported MoS₂ electrodes with different structural phase distributions, 1T and 2H, were prepared and fully characterised, and were efficiently convert over 98% of FFL to target products. Under optimised conditions, 1T-rich MoS₂ electrodes were highly selective (94.4%) for the ECH product (furfuryl alcohol) over the ECD product (hydrofuroin), whereas 2H-rich MoS₂ electrodes were moderately selective (42.7%) for the ECD product.



Mechanistic investigations based on underpotential hydrogen desorption (HUPD) studies and density functional theory calculation revealed that 1T and 2H-MoS₂ played very different roles during the electrolysis of FFL. The HER-active 1T phase was less friendly to FFL's adsorption than the 2H phase, but its ability to generate adsorbed hydrogen (Hads) provided the necessary component to complete the ECH process. the 2H phase was a better platform for FFL and its radical intermediate adsorption, but its Hads-deficient surface led to more ECD product. These findings will support the design of multiphasic materials to control product selectivity during the electrocatalytic reduction of aldehyde compounds.

HKSTP

Incubation

Programme

Congratulations!

Dr Alicia An and her team received funding from the HKSTP Incubation Programme for research and business development

Following on from their success in obtaining funding from the CityU HK Tech 300 Seed Fund (2021), Dr Alicia An's team, including Dr Jiaxin Guo (Postdoc), Dr Pak Wai Wong (Postdoc) and Mr Jiawei Sun (PhD), obtained a three-year grant of up to HK\$1.29 million from the HKSTP Incubation Programme (2023). This programme last for three years and offers comprehensive services, including funding and R&D support, mentorship, and investor matching, to help technology startups advance their first products from early-stage technical development to market exploration and business development.

The company set up by Dr Alicia's team is called SSA Coating Limited and is developing a membrane filter for air and water purification.



Two SEE faculty members have been named endowed professorships by the Named Chair Professorship Scheme of the CityU. Prof. Wang Wenxiong was appointed to the TUYF Chair Professorship in Oceanography, and Prof. Michael Leung Kwok-hi was appointed to the Shun Hing Education and Charity Fund Professorship in Energy and Environment.

The Named Chair Professorship Scheme of CityU seeks to attract world-class scholars to advance research and professional education at the University and is an integral part of the University's commitment to excellence in research and professional education for the benefit of society.

Eighteen SEE faculty members ranked in the top 2% of the world's most highly cited scientists



According to metrics compiled by Stanford University and updated on 10 October 2022, 18 faculty members of SEE, which is approximately 50% of the School's entire faculty, are listed among the top 2% of the world's most highly cited scientists (i.e., are in the top 2% in the world in their areas of specialisation). This exciting news reflects our faculty's high academic standards and excellent research performance. The 18 scientists are, in alphabetical order, Dr Alicia An, Prof. Chak K. Chan, Prof. Johnny Chan, Prof. Guohua Chen, Prof. Alex Jen, Prof. Alvin Lai, Prof. Kenneth Leung, Prof. Michael Leung, Dr Carol Lin, Dr Chunhua Liu, Prof. Yun Hau Ng, Dr Jin Shang, Dr Edwin Tso, Prof. Wen-Xiong Wang, Dr Wei Wu, Prof. Angus Yip, Dr Lin Zhang and Prof. Wen Zhou. We are proud that 12 of them are also on the career-long top 2% of the world's most frequently cited scientists list.

The metrics are prepared by a team of experts from Stanford University and identify the top-cited scientists, whose significant and broad influence is reflected in the publication of papers that are frequently cited by their peers. The team's publicly available database provides continually updated information on the work of the world's top scientists, including standardised information on citations, an *h*-index, co-authorship-adjusted h_m -index, citations to papers in different authorship positions, and a composite indicator.

Dr Jin Shang was awarded the "Young Scientist Award" at the inaugural International Congress on Separation and Purification Technology 2022



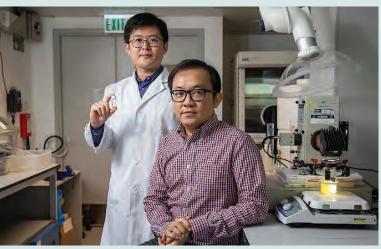
Congratulations to Dr Jin Shang, Associate Professor at SEE, who was awarded the "Young Scientist Award" at the inaugural International Congress on Separation and Purification Technology (ISPT 2022), in recognition of his research excellence in catalysis and adsorption-based separations.

ISPT 2022 allowed leading researchers, scientists and engineers in academia, national laboratories, industry, and government organisations to present and discuss their latest research on separation and purification technology.

New method for efficient water splitting for hydrogen production at low voltages

Metal oxides are promising catalysts for use in photoelectrochemical water-splitting to produce hydrogen. However, their effectiveness is restricted at low voltages. A research team co-led by Prof. Yun Hau Ng and scholars from Australia and Germany added phosphorus to a metal oxide catalyst to accelerate its charge-carrier transport at low voltages, which reduced energy losses during water splitting.

These findings are a step towards achieving carbon neutrality and were described in a paper titled "Low-bias photoelectrochemical water splitting via mediating trap states and small polaron hopping" that was published in Nature Communications.



Prof. Yun Hau Ng (Front)

Dr Edwin Tso received the CityU Outstanding Research Award for 2022 in the Junior Faculty category

Dr Edwin Tso received the CityU Outstanding Research Award for 2022 in the Junior Faculty category in recognition of his outstanding research, development and knowledge-transfer achievements.



Student Success

SEE Post-docs and PhD student received the "Ideal-Stage Startup Winner Award" from the Climate Action Recognition Scheme (CARS) 2021/22

Miss Yuwei Du, Dr Sai Liu and Dr Aiqiang Pan from Dr Edwin Tso's research group received the "Idea-Stage Startup Winner Award" from the Climate Action Recognition Scheme 2021-22. The award ceremony was organised by Hong Kong SDG Hub and was held on 24 September 2022. At the ceremony, the team received a cheque for HK\$120,000 and showcased their winning project, which will contribute to the green building marketplace

The team devised an intelligent thermo-responsive window for thermal management and energy-saving applications. The window undergoes a reversible colour change in response to temperature, without the need for electricity. It has outstanding solar modulation ability, together with promising thermo-regulating and energy-saving performance. It is expected that the widespread application of the window could result in a 10% reduction in building energy use in Hong Kong, thus contributing to sustainable development and mitigating climate change.





SEE students won Gold and Silver Awards at the 8th China International College Students 'Internet+' Innovation and Entrepreneurship Competition

Under the supervision of Dr Edwin Tso, a team comprising Miss Yuwei Du, Dr Sai Liu and Dr Yihao Zhu won the Gold Award at the 8th China International College Students 'Internet+' Innovation and Entrepreneurship Competition.

The team devised an intelligent thermo-responsive window for thermal management and energy-saving applications. This window offers outstanding solar modulation ability, with promising thermo-regulating and energy-saving performance. The judging panels recognised the excellent commercialisation and application potential of their project, given their competitive R&D results and fully fledged business plan.



Group photo with Prof. Sun Dong, JP, Secretary for Innovation, Technology and Industry, HKSAR Government (6th from right) and Prof. Raymond Chan, Vice-President (Student Affairs), CityU (5th from right).





This competition is organised by the Ministry of Education, the United Front Work Department of CPC Central Committee, the Office of the Central Cyberspace Affairs Commission, the National Development and Reform Commission, and the Ministry of Industry and Information Technology of China, and allows young entrepreneurs to present their business ideas to experts and professional judges.

Student Activities

SEE Alumni Event - Careers in ESG for Engineers

SEE, in collaboration with the CFA Institute, hosted the alumni event "Careers in ESG for Engineers" on 6 October 2022, to introduce SEE alumni to career opportunities in ESG and sustainability.

Since 2020, the mandatory ESG reporting requirements of HKEX have generated a massive demand for employees with knowledge of sustainability, which has opened many new employment opportunities for SEE alumni. Although most people think that ESG jobs are related to finance, organisations also need professionals with a background in environmental science and engineering.

To help SEE alumni take advantage of this boom in Hong Kong employment opportunities, "Careers in ESG for Engineers" introduced the field of ESG for non-finance professionals. Speakers from the CFA Institute introduced the Certificate in ESG Investing and discussed ESG-related careers.

The distinguished guests were as follows:

- Prof. Julie Li, Associate Provost, CityU
- Dr Ron Kwok, Director of Alumni Relations Office, CityU
- Mr Nick Pollard, Managing Director, Asia Pacific CFA Institute
- Mr Richard McGillivray, Senior Director, Global Partnerships and Client Solutions, CFA Institute
- Dr David von Eiff, Director, Institutional Partnerships, CFA Institute and
- Ms Florence Wong, Director, University Relations, APAC at CFA Institute



(From left) Dr. Ron Kwok, Prof. Guohua Chen, Mr. Nick Pollard, Ms. Florence Wong, Mr. Richard McGillivray, Dr Shauhrat Chopra



(From left) Prof. Wen-Xiong Wang, Prof. Guohua Chen, Prof. Julie Li, Mr. Nick Pollard, Dr. David von Eiff, Ms. Florence Wong, Mr. Richard McGillivray

SEE Student Chapter organised the SEE Barbecue Night

After final exams, the SEE Student Chapter arranged the SEE Barbecue Night so that all SEE members, including faculty, students and alumni, could get together and celebrate the festive season.

The Barbecue Night was held on 20 December 2022 and was supported by donation from Prof. Guohua Chen (SEE Dean), faculty members, and the advice of Dr Edwin Tso (Advisor of SEE Student Chapter). There was lots of laughter and everyone had a great time and formed lasting memories.



Schneider Electric hosted a career talk and company visit for SEE undergraduate students

A group of SEE undergraduate students visited Schneider Electric to attend a career talk and see the Innovation Hub. Thanks to the guidance and advice of their hosts Ir Ian Lee (Solution Director) and Mr Adrian Ho (Engineering Trainee), the students had a wonderful experience. They all had a better understanding of how EcoStruxure Building Advisor supports building operations and how EAOA (AR glasses) work.





Alumni Stories

SEE EVE Graduate won the Championship in 2021–2022 HKIE Best Final-Year Environmental Project (Individual Project) Competition

Under the supervision of Prof. Michael Leung, Miss Felice Adeline Yau, a recent graduate of BEng Environmental Science and Engineering (EVE) won the Championship in the 2021-2022 Best Final-Year Environmental Project (Individual Project) Competition, organised by the Environmental Division of the Hong Kong Institution of Engineers (HKIE) with her final-year project titled "Hydrogen production of Pt-TiO₂ nanotubes from butyric acid photoreforming".



The Best Final Year Project Competition recognises final-year students who have completed high-quality final-year projects, with a view to encouraging them to further improve their environmental engineering practice in the future as professional engineers.

Startup founded by SEE Alumni won Emaar Innovation Challenge in Dubai with Electricity-Free Cooling Technology

Emaar, one of the world's largest real estate developers, wanted to collaborate with startups to address environmental challenges in the real estate and construction industries. The Emaar Innovation Challenge received over 240 applications from 43 regions and countries.

ⁱ²Cool Limited was selected as the winner of the "Sustainability or Circular Economy" category and invited to Dubai for a demo day. On 25 January 2023, Emaar named i²Cool the winner of the challenge. Their winning solution is an electricity-free cooling technology that uses solar reflection and radiative heat dissipation to provide cooling without the use of electricity.

i²Cool Limited is co-founded by Dr Martin Zhu, a SEE PhD alumni, and his PhD supervisor, Dr Edwin Tso, Assistant Professor of SEE. The first product launched by i²Cool, iPaint, is a cooling paint that saves energy by reducing the use of air conditioning systems. Unlike traditional paint, iPaint has high solar reflectivity and high thermal emissivity to provide effective cooling. The surface temperature and indoor temperature after applying iPaint can be reduced by 40°C and 10°C, respectively, resulting in a 42% energy-saving for air cooling, significantly promoting carbon neutrality.



SEE Homecoming – Mix and Mingle

The "SEE Homecoming – Mix and Mingle" was successfully held on 12 March 2023. The homecoming event provided an opportunity for our graduates, faculty members and students to get together to network and develop partnerships. Special thanks must go to our alumni, student and faculty representatives who shared their recent career updates, SEE stories and School development with us. They are:

- Miss Susan Chow, BEngESE, Class of 2020; Digital Solution Engineer, Schneider Electric (Hong Kong) Limited
- Miss Violet Law, BEngESE, Class of 2018; Research Officer, Australian Department of Foreign Affairs and Trade
- Mr Cho Fung Leung, BEngESE, Cohort 2019
- Prof. Yun Hau Ng

Prof. Johnny Chan, Founding Dean and Emeritus Professor; Prof. Chak K. Chan, Former Dean and Chair Professor of Atmospheric Environment; Prof. Guohua Chen, Dean and Chair Professor of Smart Energy Conversion and Storage all joined the gathering and gave their precious advice to the participants.



Miss XIAO Jingyi BEngEVE, Class of 2022

Greetings from Jingyi. I completed my studies at SEE last summer and am currently a master's student in the Department of Engineering at the University of Cambridge. I am recently accepted to the PhD programme in Cambridge!

Living in Cambridge is a brand-new experience for me. Studying here is pretty demanding, and there is a lot more coursework than there was previously. The good news is that Cambridge has more than 100 libraries, so you can always find a quiet place to study. Although I have been in Cambridge for four months, I still find it incredible to have the opportunity to study here.

I clearly recall wondering what I would end up becoming when I attended SEE orientation for undergraduate students four years ago. The phrase "try everything" comes to mind when I think back on the four years I spent at SEE, where I entered the lab for the first time

when I think back on the four years I spent at SEE, where I entered the lab for the first time and discovered my passion for academic research. I made my first foreign friend at SEE and started learning about how people around the world see environmental issues. I also got to know some truly remarkable professors and staff who witnessed how I struggled with deadlines, and continued to support me even after I graduated. I was raised in a multicultural setting with access to plenty of resources, which helped me quickly adapt to the UK.

The advice I would give to the person I was four years ago is to "be bold enough to dream, be brave enough to try". I know that SEE is the most fertile soil for dreamers and gives the strongest backing to doers. I firmly believe that each and every one of you will leave SEE with priceless memories and can become the person you want to be in your four years here.







CityU Alumni Association of School of Energy and Environment Membership Application Form

General Information				
Name of Most Recent Prog				
O Doctor of Philosophy (Ph.		elor of Engineering (BEng)	in Energy Science and Engineering	
O Master of Philosophy (M.		 Bachelor of Engineering (BEng) in Energy Science and Engineering Master of Science (MSc) in Energy and Environment 		
Demonsel Demtioulem				
Personal Particulars	/F			
			(Chinese as applicable)	
			obile phone No.:	
Email address:		_ WeChat ID:	(Optional)	
Current Status				
${f O}$ Full-time employment	${f O}$ Part-time employment	${f O}$ Self-employment	• O Employment seeking	
O Further Studies	O Others (please specify)	:		
Employment Status (optio	nal)			
		Year of service:		
Department :				
I have read Personal Data	a (Privacy) Notice – Use o	f Personal Data and ag	ree to those terms:	
Applicant's signature:		Date:		
 the following points, pursuant to the following points, pursuant to the data will be handled by the administration of this applications have been as the application papers/eForm of a Under the provisions of the Petheir personal data. Applicants Declaration I have noted the general points p I authorise the CityU Alumni Assor of this application to use, check a I understand upon successful application application to the successful application application become the provision of the	oplication to the CityU Alumni As the Personal Data (Privacy) Ordina application form will, during the o e Association's staff or by any cor ion. en processed and the relevant exe of successful candidates will beco rson Data (Privacy) Ordinance, ap s wishing to access or make corre- sursuant to the Personal Data (Privac ociation of School of Energy and Em- and process my data as required for	sociation of School of Energy ar ance: entire process, be used solely fo nmittee members of the Associa ercise completed: me part of the file which the As plicants have rights to request a ctions to their data should send ctions to their data should send	nd Environment Limited are advised to note r this purpose, and in this connection, ation who is directly involved in the asociation open for each member. access to, and to request the correction of, email to the see.enquiry@cityu.edu.hk fice that is directly involved in the administration e used for all purposes as prescribed under	
General Enquiry				
Phone: +(852)-3442-2410 / 344.			iry@cityu.edu.hk	