



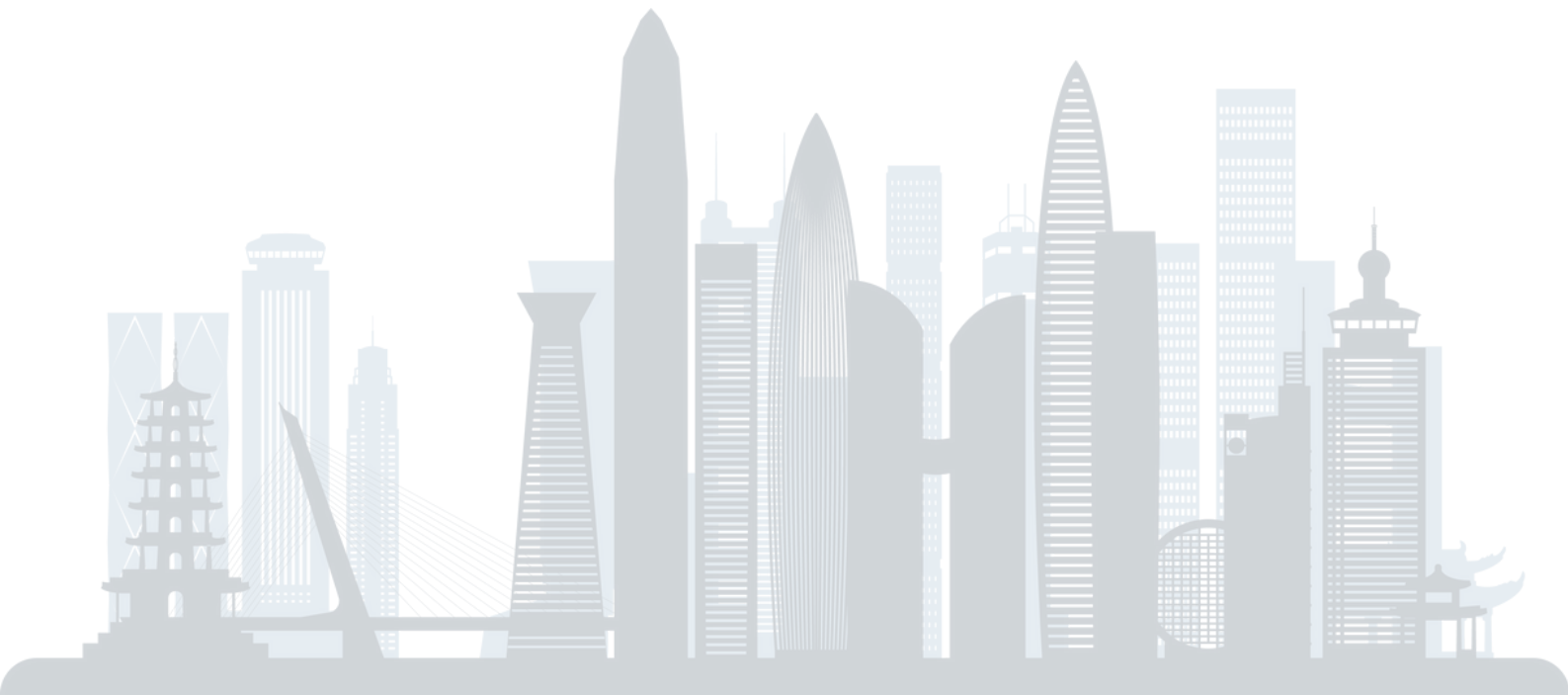
COLLEGE OF
ENGINEERING
工学院

Petrus

GLOBAL ENGINEERING DEANS COUNCIL INDUSTRY FORUM

Developing Socially Conscious Engineering Innovators,
Experts and Leaders

DISCOVER & CONNECT WITH OUR INDUSTRY PARTNERS &
STAKEHOLDERS



HOST & ORGANISERS



COLLEGE OF
ENGINEERING
工学院

Southern University of Science and Technology is an innovation-oriented public university founded by China's Shenzhen government. It aspires to be a model and pioneer for promoting Chinese higher education reform. SUSTech aims to be a modern, international university that contributes to the global advancement of science and technology through interdisciplinary research, innovation, and entrepreneurship.

> www.sustech.edu.cn/en/

Petrus

Petrus helps companies to innovate and grow by connecting them with the right universities worldwide for talent, upskilling and innovation. We design impactful projects to engage and excite talented faculty and students on sustainability. We transform the way companies and universities interact, to generate more value from their partnerships. We enable young people worldwide from all profiles and backgrounds to achieve their potential.

> www.petruscommunications.com



Recognising the need for a world-wide forum of engineering deans and rectors The Global Engineering Deans Council was created in Paris in 2008. The main goal of the GEDC is to provide engineering deans and rectors with ideas, tools, and "best" practices necessary to become innovative leaders of engineering education.

> www.gedcouncil.org



DISCOVER OUR PARTNERS



江西铜业集团有限公司
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We are extremely grateful to all of the companies and organisations whose generous support enabled the 2024 event to take place.

You can find out more about each of our partners in the following pages and we strongly encourage you to connect and explore opportunities with them.





AMAZON INNOVATION CENTER (SHENZHEN) COMPANY LIMITED

Amazon Devices and Services is committed to designing and making available to customers high-quality and sustainable products, enriching the digital life of our customers worldwide. Since Amazon introduced the first Kindle in 2007, the company has continued to introduce new products and services over the years, including Fire tablets, Fire TV, Echo, and Alexa, which supports over 140,000 products. Additionally, the team has launched Echo Frames, Echo Buds, Amazon Halo Band, hundreds of Alexa-compatible smart home devices, and Astro, Amazon's first household robot, and supported the continued expansion of acquired brands such as Ring, Blink, and eero. Established in 2009, Amazon Devices & Services Asia is committed to inventing for customers worldwide. Operating out of Shenzhen, Beijing, Shanghai and Taipei, Devices Asia obsess over customers' experience when they use our devices and services.

> www.aboutamazon.com/what-we-do/devices-services

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CTI - CONSULTING, TECHNOLOGY, INFORMATION

Founded in 2012, CTI has worked with a wide variety of partners, especially large and small non-profits, and universities over the years. CTI's main focus is on consulting and publication support for educational institutions and events. They specialise in supporting and promoting educators to publish their ideas, results and experiences in science, technology and engineering fields.

> www.cti-online.net/index

UPCOMING EVENTS...



21st International Conference on Smart Technologies & Education (STE)

6-8 March 2024, Arcada University of Applied Sciences, Helsinki, Finland

ste-conference.org

the learning ideas conference

TLIC2024: The Learning Ideas Conference

14-16 June 2024 Columbia University, New York, USA

www.learningideasconf.org



27th International Conference on Interactive Collaborative Learning (ICL2024)

24-27 September 2024, TalTech, Tallinn, Estonia

icl-conference.org





DENZA

DENZA was founded in 2010 jointly by Mercedes-Benz, the “inventor of ICE vehicles”, and BYD, the “leader of new energy vehicles”, both embracing the beautiful vision of realizing the future of electric mobility, with complementary advantages and strong alliance. Since its inception, DENZA has adhered to the strategic positioning of only providing new energy luxury vehicles, and always shared and co-created with users to build an intelligent and safe new luxury car brand with more sensory value for users.

Along thirteen years of development, DENZA has been proactive, and kept injecting the strength and confidence to products and actions. In 2022, the refreshed DENZA successively launched D9, N7, N8 and other models, committed to bringing a new luxury all-excellent travel experience to high-end family consumers around the world and entering the "New Epoch" of new energy luxury vehicles.

In the new era, users need more than just a car. The evolution of users' consumption concepts has changed DENZA's understanding of technological innovation and products. DENZA is willing to listen to the voices of users, and create a new car experience together with users, bringing the new luxury travel ecology to more families. In the future, DENZA will apply forward-looking technology to create a lifestyle for the all-terrain smart car and accelerate the intelligent second-half process. DENZA will keep running forward and bring you a better life.





FXB CO., LTD.

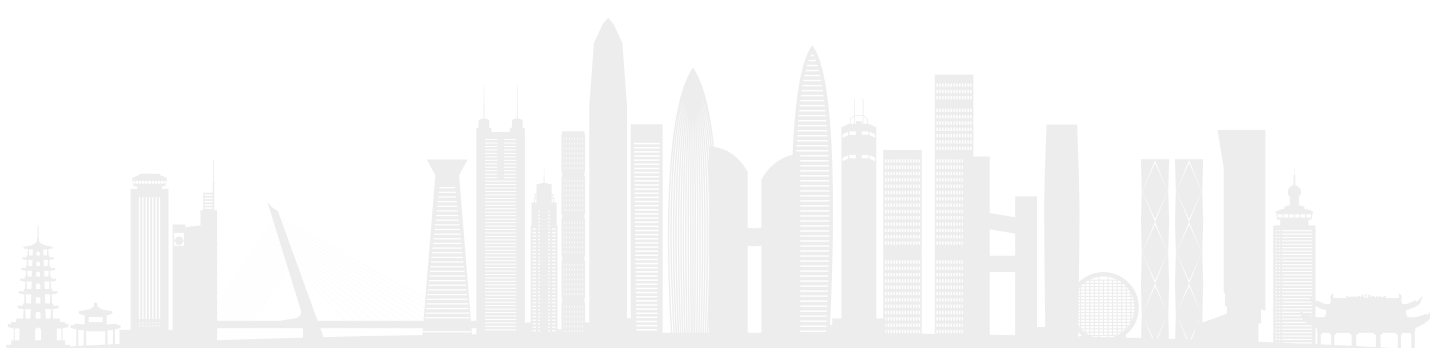
FXB CO., LTD. was established in 2003 with a registered capital of 35.115 million RMB. FXB CO., LTD. is headquartered in Tairan Building, Futian District, in the center of Shenzhen, and the factory is located in Dayun AI Town, Longgang District, Shenzhen. FXB is a high-tech company focusing on the development of hardware & software education resources and industry-education integration services for users from worldwide. FXB education resources cover intelligent connected vehicles (ICV), new energy vehicles, fuel vehicles, construction machinery, commercial vehicles, intelligent manufacturing, drone and other professional fields. FXB has more than 50 national patents and holds more than 100 software copyrights with its outstanding innovative research and development capabilities. The proportion of professional R&D teams is as high as 40%, and we have also established 5 major R&D platforms to promote collaborative innovation. Through more than 30 marketing and after-sales offices across the country, FXB has served nearly 3,000 domestic schools, and provided education resources and services to more than 50 foreign countries. FXB provides equipment and technical support for national and international skills competitions in the long term. Looking to the future, FXB strives to build global education resources platform and make education more effective.

> www.fxbgroup.cn

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HIGHPOWER TECHNOLOGY CO., LTD.

Shenzhen Highpower Technology Co., Ltd. (stock code: 001283) was founded in 2002. As an enterprise with independent R&D capabilities and comprehensive competitiveness in the global market, Highpower is committed to the research, design, manufacturing and sales of Li-ion and Ni-MH batteries, energy storage systems and used battery recycling, as well as providing flexible, reliable & one-stop power solutions for customers.

Highpower Technology adheres to the core values of “delight customers, open-minded and shared success, dedication to details, always improve” and focus on resolving the challenges and pressures faced by global brands. With years of technology accumulation and product development experience, Highpower has been recognized by well-known brands around the world.

> highpowertech.com



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HIVAC TECHNOLOGY GROUP CO., LTD.

Established in November 1994, Hivac Technology Group is the first national high-tech enterprise based in Shenzhen Hi-Tech Park, the first large-scale vacuum optoelectronic equipment manufacturer in China, and one of the largest suppliers of optoelectronic thin film information materials and flat panel display materials in China. The Group has more than 20 subsidiaries and has established four platforms, namely Shenzhen Flat Panel Display Industry Association, Guangdong Semiconductor Industry Association, Canadian Federation of Shenzhen Associations and SCI China-Canada International Innovation Centre. Hivac has always focused on the semiconductor display industry, with four major innovations "technological innovation, product innovation, platform innovation and international innovation", to promote the annual output value of hundreds of billions of optoelectronic display industry agglomeration development. With the vision of "being the pioneer and leader of global optoelectronic display technology" and the mission of "making the whole world of vision blossom", Hivac Technology Group aims to "cultivate first-class talents, develop first-class products, provide first-class service and achieve first-class enterprise". With the goal of "cultivating first-class talents, designing first-class products, providing first-class services, and building first-class enterprises", the company strives to become a world-leading science and technology innovative industrial group, contributing to China's high-quality development.

> www.hivac.cn/index/index/english/2

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[LED Display Article*](#)



[Smart Education Article*](#)

**Requires translation to English via your web browser*





THE INSTITUTION OF ENGINEERING AND TECHNOLOGY (IET)

The Institution of Engineering and Technology (IET) inspires, informs and influences the global engineering community to engineer a better world through research solutions including books, open-access journals and Inspec, which provides trusted content and expert indexing to support enhanced discovery and precision analytics, with 60%-99% less retrieval noise. The IET eBook collections offer an acclaimed listing of academic and practitioner-focused titles spanning 40 years, covering a wide range of subjects including Energy Engineering, Electromagnetic Waves, Control, Robotics & Sensors, Radar, Sonar & Navigation, Materials, Circuits & Devices and Telecommunications etc. The IET journals span all areas of engineering and technology – covering the disciplines of electrical, electronics, computing, control, biomedical and communications technologies. For more information, please email infoap@theiet.org.

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DPSP 2025: Developments in Power System Protection 8 – 10 January 2025 | Hong Kong Polytechnic University

DPSP – one of the only conferences dedicated to power system protection – makes its first visit to the Asia-Pacific region in 2025.

The call for abstracts and special sessions is open until 3 June, and we welcome industry specialists, academic researchers, and business leaders to submit your work discussing emerging issues and innovations in power system protection. Authors selected for the conference programme will have their full paper indexed on IEEE Xplore, IET Inspec, Ei Compendex, and Scopus, giving you multiple citations and extending your international influence. **Learn more:** <https://spkl.io/60014QHkt>





江西铜业集团有限公司
JIANGXI COPPER CORPORATION LIMITED

JIANGXI COPPER CORPORATION LIMITED.

Established in 1979, Jiangxi Copper Corporation Limited (JXCC) is a mega group company in the non-ferrous metal industry. As the first Chinese copper company ranked among Fortune 500, JXCC has been ranked for 11 consecutive years, and is ranked 171st in the Fortune 500 in 2023.

In the field of copper and other non-ferrous metals, JXCC owns the whole supply chain integrating exploration, mining, ore dressing, smelting and processing. It also has created five industrial bases across China and Central Asia and has expanded its investment and trade to the overseas market.

With the mindset of "Thinking Today for a Prosperous Future", JXCC has been committed to the transformation of the ten major industries including Copper, Gold, Lead and Zinc, Finance, Advance Materials, Machinery Manufacturing, IT, Supply Chain, Vulcanization and Environmental Science and Technology.

> en.jxcc.com/

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For over 30 years, Quanser has empowered over 2,500 global academic institutions to tackle the challenges of the modern world by transforming engineering education and research. As educators with pedigree in controls, robotics, and mechatronics, they understand the needs of academia, and therefore able to help accelerate academic success by improving student motivation, practical experiences, and outcomes. With a unique approach to innovation, collaboration, and education they have produced several notable technology firsts that pioneered many critical contemporary trends.

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[The Future of Robotics is in your Hands](#): Paul Karam Chief Robotics Officer





SHENZHEN CAPCHEM TECHNOLOGY CO., LTD.

Shenzhen Capchem Technology Co., Ltd. ("Capchem" for short) is a leading global enterprise specialized in electronic chemicals and functional materials. Capchem was listed on the Shenzhen Stock Exchange in 2010 (stock code: 300037). Founded in 2002 and headquartered in Shenzhen, formerly known as Shenzhen Capchem Co., Ltd. established in 1996, Capchem is committed to creating a better future with electronic chemicals and functional materials. Its main products include battery chemicals, organic fluorine chemicals, capacitor chemicals and semiconductor chemicals, and they are widely used in the fields such as new energy vehicles, consumer electronics, urban rail transit, biomedicine, 5G, photovoltaic and industry manufacture. The vision of Capchem is to be a global leader of electronic chemicals and functional materials. All the employees will adhere to the core value of "innovation for application, progress with integrity", as well as the business philosophy of "professional, excellent, solid, thorough", and persevere in pursuit of excellence.

> en.capchem.com

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SHOKZ CO., LTD.

Shokz

Shokz is a consumer electronics brand focusing on open-ear acoustic technology innovation. As the leader of professional sport headphones brand, through the development of technology innovation and the deep insight of sports enthusiasts, Shokz has created a new concept of open-hearing.

Shokzhear

Adhering to the philosophy of "using technological innovation to drive global progress and make human life better," ShokzHear is dedicated to applying the most advanced bone conduction technology to the field of hearing assistance, aiming to enhance the auditory experience for individuals with varying degrees of hearing challenges. ShokzHear is committed to providing continuous innovative hearing solutions and service support for individuals with hearing loss, with the aspiration to become an "expert in bone conduction hearing aids." The company has already introduced a variety of bone conduction assistive

> www.shokz.com.cn

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SIEMENS DIGITAL INDUSTRIES SOFTWARE

Siemens Digital Industries Software is one of the world's top 10 software companies. The company drives transformation to enable a digital enterprise where engineering, manufacturing and electronics design meet tomorrow. The Xcelerator portfolio helps companies and academic institutions of all sizes create and leverage digital twins that provide organizations with new insights, opportunities and levels of automation to drive innovation. The Global Academic Program empowers the next generation of digital talent with the skills employers need.

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Sustainability Network





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It has been a real pleasure to meet and work with you all during the 2024 Industry Forum. Please take a look at more of the great work we do at Petrus to transform the way companies and universities interact and enable young people worldwide from all profiles and backgrounds to achieve their potential.

www.petruscommunications.com

www.the-global-learning-expedition.com



Kirsten Williamson

Founder & CEO, Petrus

Founder, The Global Learning Expedition

kirsten@petruscommunications.com

+44 7970 904 680 (WeChat & WhatsApp)

