



Global Engineering Deans Council (GEDC) INDUSTRY FORUM

Developing Socially Conscious Engineering
Innovators, Experts and Leaders

January 14-17, 2024 | Shenzhen, China



Petrus

The 7th GEDC Industry Forum

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Hosted by SUSTech

50+ Overseas Deans & Industry Leaders from USA, Canada, UK, France, South Africa, Spain, Australia, India, Singapore, HK, Macau.....

150+ Chinese Deans & Industry Leaders




Opening Remarks



Qikun Xue
President
SUSTech



Yongxin Guo
Executive Secretary
The Academy of Engineering, Singapore



Jia Zhuang
Deputy Director-General
China Science and Technology Exchange Center



Hans J. Hoyer, PhD.
Executive Director
Global Engineering Deans Council

Opening Plenary



1. Why is Shenzhen the Optimal Hub for Global Translational Research?

Dr. Lin Zhang, Director, Shenzhen Science and Technology Innovation Committee



2. Insights from 'Engineering Education in the Era of AI workshop

Prof. Bi Zhang, Associate Dean, College of Engineering, SUSTech



3. Research, innovation, Impact: A Virtuous Cycle to Build a Sustainable Future

Prof. Choon Fong Shih, Founding President of the King Abdullah University of Science and Technology (KAUST), Former President of the National University of Singapore (NUS)

Four Themes

- **Skills & Talent**

How to navigate the impact of the AI on our work

- **Educational Transformation**

Scaling work-based and immersive learning

- **Discovery & Innovation**

Powerful global innovation ecosystems

- **Societal Impact**

Embedding trust and ethics to address sustainability



Key Sessions & Special Events

- **Skills & Talent:** Navigating the impact of AI and emerging technologies on the workforce of the future.
- **Educational Transformation:** Addressing the challenges of scaling work-based and immersive learning experiences.
- **Discovery & Innovation:** Explore the critical success factors behind powerful regional innovation ecosystems
- **Insights from International Institute of Online Education (IIOE) Global Partners Summit on Transforming Higher Education in the age of AI**
- **Dean Dialogue:** East meets West and the Global South - In the changing international environment, how do we as educators and leaders continue to work collaboratively together?

Asian Engineering Deans Workshop: Future of Engineering Education in Era of AI

Student Challenge: Innovate for Sustainability with AI

Campus Tours: SUSTech School of Design & International Centre for Higher Education Innovation

Industry Site Visits: Tencent > Shokz > Mindray // FXB > BYD
Networking event



Industry Partners



13 Industry Partners

- Amazon
- CTI
- DENZA
- FXB
- JIANGXI COPPER Co. Ltd.
- N12
- QUANSER
- CAPCHEM
- HIGHPOWER
- HIVAC TECHNOLOGY
- SHOKZ
- SIEMENS
- IET Inspec



FEEDBACK

- 9.1 / 10 Overall
- Every session scored over 5/6 (a first in 7 events)
- **Highest Scoring** : Dean Dialogue (East Meets West) / Design Groups / Campus Visit to Design School / Cocktail & Gala Dinner / Choon Fong Shih Opening Plenary Keynote

What did you enjoy the most?

- The people themselves, everyone brought a certain impact and expertise to the event and I think this was the most beautiful thing regarding the forum, alongside the new partnerships created.
- Dynamic design groups
- it is a hugely beneficial event that is not replicated in any other forum
- The welcome
- The organisation

Reflections and Next Steps

To do better

- **More involvement of GECD (ExCom and Deans)**
- **More participants from major global industries**
- **Bring local Deans and sponsor representatives into the interactive event/activity**
- **Include R&D comments as part of engineering education**

Next Steps

- Petrus is working with Sponsors to deliver their communications requirements (part of the shared sponsor fees).
- Petrus will publish & promote event report, papers with support from SUSTech and participants.
- Petrus will promote 'Pioneering Practise' Case Study Book.
- Petrus to reflect on new business model and approach given costs.
- GECD will not use term 'Industry Forum' (e.g. for online or in person events with or without partners) to avoid confusion



Thank you!

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