IEEE IEEE Region 10 IEEE HONG KONG 香港

IEEE is our Professional Home

TENCON 2022

cum IEEE HK 50th Anniversary Celebration

"Tech-Biz Intelligence"

November 1-4 2022 | Hong Kong Convention & Exhibition Center

Hosted by Hong Kong Section | www.tencon2022.org

Reported by Prof. Kenneth Wong

Conference Schedule

Milestones and Important Dates

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- Launch of TENCON 2022 website: www.tencon2022.org
- Call for paper: https://www.tencon2022.org/portfolio/paper-submission/
  - Paper submission before **July 15**
  - Acceptance Date on **September 9**
  - Template: https://www.ieee.org/conferences/publishing/templates.html
- Inviting distinguished speakers, program and track chairs
- Encouraging sponsors

Conference Organizing Committee

Honorary Chairs:

Professor K.J. Ray Liu, IEEE President and CEO 2022

Emeritus Professor A.G. Constantinides, Imperial College London

Dr Nim-kwan Cheung, Chair of IEEE HK 50th Anniversary Celebration

Honorary Advisors:

Deepak Mathur, Director of IEEE R10

Emeritus Professor Akinori Nishihara, Immediate Past Director of IEEE R10

Emeritus Professor Lance Chun Che Fung, Director-elect of IEEE R10

TENCON 2022 Organising Committee

General Chair: Dr Paulina Chan

IEEE Hong Kong 50th Anniversary Chair: Dr Nim K Cheung

Technical Programme Co-chairs:

Prof Kenneth Wong

Prof Changyuan Yu

Prof Yongxin Guo

Prof Oliver Diessel

Awards & Recognition Committee:

Prof Wan-Chi Siu (Chair)

Prof KM Luk

Prof Paul Cheung

Prof PC Ching

Prof Vincent Lau

Special Sessions, Student Forum & SA Exhibits Co-chairs:

Paul Hodgson

George Woo

Kevin Lam

George Chan

Dr Tim Woo

Adrian Kwan

Conference Organizing Committee

Special Sessions, Student Forum & SA Exhibits Co-chairs:
Paul Hodgson
George Woo
Kevin Lam
George Chan
Dr Tim Woo
Adrian Kwan

Treasurer & Finance Co-chairs:
Dr Eddy Chiu
George Woo

Sponsorship:
Prof Joseph Ng
Dr Ray Cheung
Dr Albert Lam
Dr Paulina Chan

Industry Liaison:
Dr Albert Lam
Dr Eddy Chiu

General Secretaries:
Dr Jean Lai
Prof Joseph Ng

Website:
Dr Ray Cheung
MATE

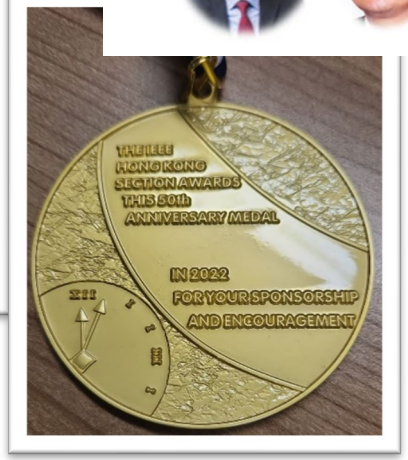
Publications (IEEE Xplore):
Dr Gary Wong
Dr Jeff Tang

Technical Programme Sub-committee Registration & Payment:
Dr Gary Wong
MATE

Local Arrangements:
Dr Kevin Hung
HK Tourism Board

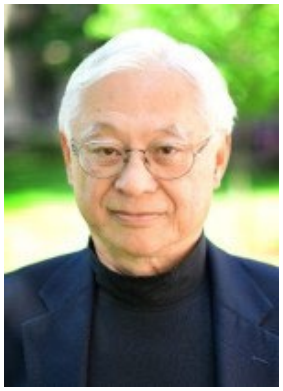
Publicity:
TENCON 2022 Secretariat
IEEE Hong Kong Section ExCom
IEEE Corporate Communications
IEEE Public Visibility

Thanks to OC Team and student helpers



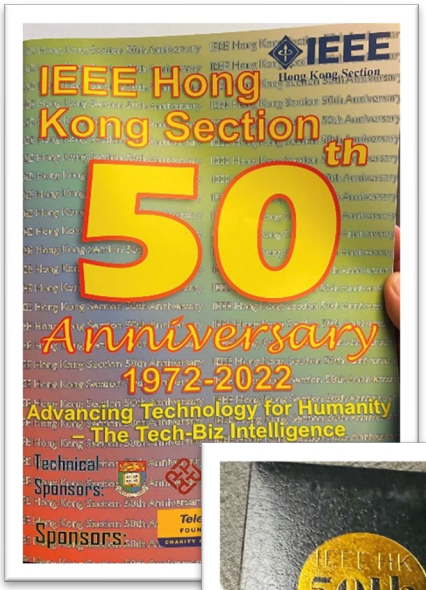
Keynote Speakers

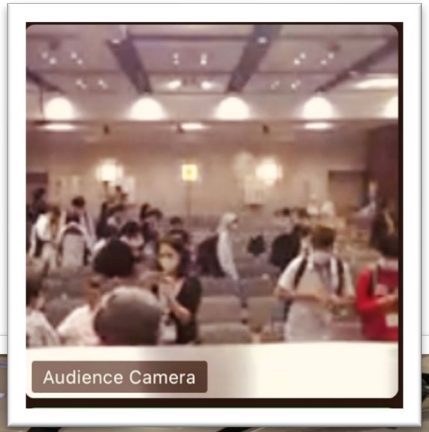
- Professor Vincent W. S. Chan, the Joan and Irwin Jacobs Chair Professor of EECS, MIT
- Professor Raymond W. Yeung, Choh-Ming Li Professor of Information Engineering, The Chinese University of Hong Kong
- Dr Yuan Yu, President of IEEE Standards Association and Founder of 0xSenses Corporation
- Presidents of Higher Education Institutes in Hong Kong

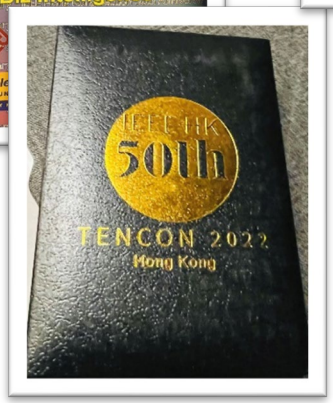


Special Sessions

IEEE Hong Kong 50th Anniversary







Special Sessions

- IEEE Hong Kong contribution to an IEEE Award
- R10 Philanthropic Initiative
- Professional Home Committee
- Public Visibility Committee
- Diversity & Inclusion Committee
- ComSoc WICE Committee
- Chartered Management Institute
- Pre-university Student STEM Forum

Technical Session

"Tech-Biz Intelligence"

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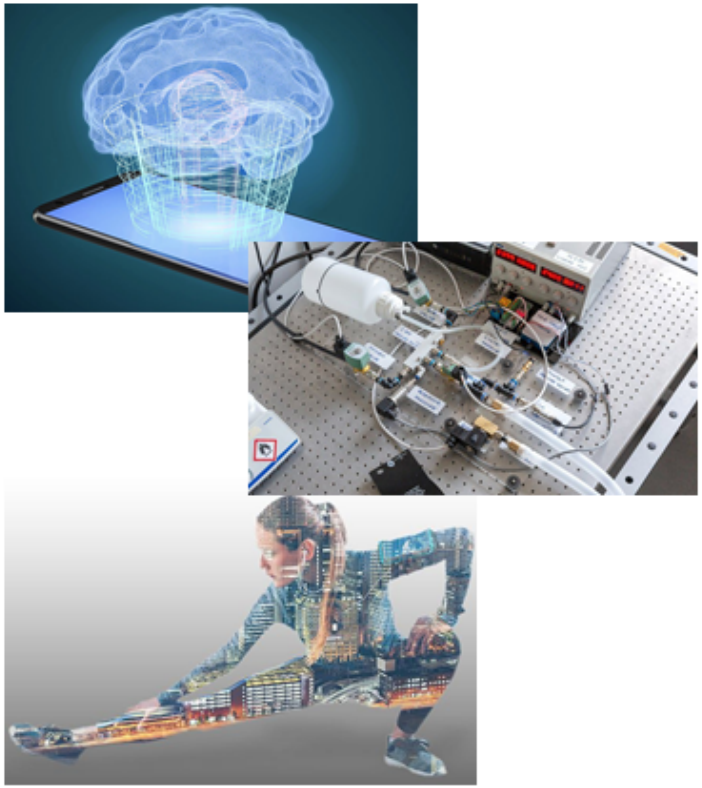
- Paper presentation and panel discussion focusing on:
  - Emerging Technologies
  - Multi-disciplinary R&D
  - Global Perspectives
  - Innovation and Entrepreneurship
  - Social and Humanitarian Impact
  - Industry Engagement
  - SYWL tracks
- 50th anniversary distinguished speaker forum
- Student forum, hackathon and poster presentations
- Workshop and tutorials
- IEEE standards exhibition
- Awards and recognition



Registrant Category

- Total number of IEEE Members: 84
- Total number of non-IEEE Members: 66
- Total number of IEEE Student Members: 95
- Total number of non-IEEE Student Members: 46
- Grand Total: 291

Conference Paper Statistics

Tech-Biz Intelligence Program

- 340 Paper submissions
- 250+ Accepted papers and posters
- 224 Final published papers at IEEE Xplore
- 250+ Registered participants
- 50+ invited tutorials
- 3 plenary keynote talks

Conference Delegates Statistics

Country/Region	No. of Papers
Australia	4
Canada, Taiwan	3
China	36
Bangladesh, Singapore, Thailand	5
Hong Kong SAR	79
India	35
Bahrain, Indonesia, Pakistan, UAE, UK	1
Japan	13
Korea	7
Malaysia, Vietnam	2
Philippines	34
Sri Lanka	6

Conference Financial Overview

A.	Expenses (USD)	224,493.27
B.	Revenue (USD)	213,104.69
C.	Surplus (USD)	11,388.58
D.	70% to IEEE HK Section (USD)	7,972.01
E.	30% to IEEE R10 (USD)	3,416.57

Sponsors

Thanks to all sponsors and supporting organizations

Education Supporting Organizations

CIHE Cantas Institute of Higher Education 明愛專上學院

CityU 香港城市大學 City University of Hong Kong

香港恒生大學 THE HANG SENG UNIVERSITY OF HONG KONG

香港浸會大學 HONG KONG BAPTIST UNIVERSITY

mu 香港都會大學 HONG KONG METROPOLITAN UNIVERSITY

THE HONG KONG POLYTECHNIC UNIVERSITY 香港理工大學

香港中文大學 The Chinese University of Hong Kong

香港科技大學 THE HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY

Supporting Organizations

APAS

FANO Labs 有光科技

HONG KONG ETA HONG KONG ELECTRONICS & TECHNOLOGIES ASSOCIATION 香港電子科技商會

IEEE SA STANDARDS ASSOCIATION

IET The Institution of Engineering and Technology

Oceanway

煤氣 Towngas

APSIPA Signal and Information Processing

TeleEye FOUNDERS' CHARITY FOUNDATION

HONG KONG TOURISM BOARD 香港旅遊發展局

SPLASH PRODUCTION

Sponsored by

ASMPT enabling the digital world

中國移動 China Mobile

iSOLUTIONS

HUAWEI

ASTRI Hong Kong Applied Science and Technology Research Institute

CMI

IEEE ComSoc IEEE Communications Society

HKSTP 20 YEARS PROPELLING SUCCESS

TAL Apparel

Hosted by
IEEE Hong Kong Section

IEEE Advancing Technology for Humanity

IEEE Region 10 Humanitarian Technology Activities

IEEE HK 50th TENCON 2022