


# TFSC Conference Online Proceedings



The banner for the TFSC 2023 conference features the logo 'TFSC 2023' in large blue and green letters. Below it, the text 'Technological Forecasting & Social Change Special Conference' is displayed. The dates 'OCTOBER 28-30, 2023' and location 'HSINCHU, TAIWAN' are in a blue box. To the right, the conference theme 'Managing Technology and Society in an Era of New Geopolitics' is written in orange. Logos for NTU and ITM are also present, along with a stylized graphic of a person with circuit-like lines.

2023 Technological Forecasting and Social Change Special Conference

If you have any inquiries, please feel free to contact the Secretariat of 2023 TFSC ([tfsc2023@tfsc2023.org](mailto:tfsc2023@tfsc2023.org)).

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# TFSC Conference Online Proceedings



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[Proceedings index](#)

Keynote Lecture  
Track A: Emerging Technology  
Track B: Climate change  
Track C: Foresight  
Track D: Firms and innovation  
Track E: National policies  
Track F: Diffusion modeling  
Track G: New products and market

2. You can find the paper information here.

**\*For those who have not completed the registration, no access to the proceedings.**

**TFSC Conference Online Proceedings**

	A	B	C	D	E	F	G	
	SN	Paper id	No.	Name	nationality	organization	Tracks	a_title
1	1	00350	Keynote1	Fred Y. Phillips	United States of America	TANDO Institute	Keynote Lecture	A More Perilous Research Scene
2	2	00352	Keynote2	Scott Cunningham	United Kingdom	University of Strathclyde	Keynote Lecture	The Politics of Technological Change
3	3	00351	Keynote3	Keun Lee	Korea	Seoul National University	Keynote Lecture	Technology Rivalry and Changing GVC in the Era of
4	4	00007	A4	Chun-Yen Ou	Taiwan	Department Of Industrial Engineering And Engineering Management, National Tsing Hua University, Taiwan	Track A: Emerging Technology	Global patent mining of smart EV charging network
5	5	00021	A11	Chulung Lee	Canada	Korea University	Track A: Emerging Technology	Technology Opportunities for EU Environment R
6	6	00034	A6	Naubahar Sharif	United Kingdom	The Hong Kong University Of Science And Technology	Track A: Emerging Technology	Processual Approach: Deskskilling/Reskilling in Pla
7	7	00044	JKM3	Lei Huang	China	Zhejiang University Of Technology	Track A: Emerging Technology	Digital Technology and Green Value Creation in I
8	8	00057	OA1	Qiuya Song	China	Northeastern University	Track A: Emerging Technology	Growing by Combining: Technological Convergen
9	9	00058	A5	Ming-Yung Su	Taiwan	National Yang Ming Chiao Tung University;Industrial Technology Research Institute	Track A: Emerging Technology	Sportstech hits a home run? Digital technologies
10	10	00075	OA2	Jingxian Gan	China	Dalian University Of Technology	Track A: Emerging Technology	A Study of Technology Front Evolution Based on
11	11	00086	A8	Po-Hsuan Chen	Taiwan	Department Of Business Management, National Taipei University Of Technology	Track A: Emerging Technology	Unraveling the Complexity of Innovation Ecosyste
12	12	00123	OA8	Suze Chen	China	Zhejiang A&F University	Track A: Emerging Technology	Regional digital capability and green technology
13	13	00124	OA4	Yuan Feng	China	Xiamen University	Track A: Emerging Technology	Corporate Digitalization Brings Ethics?
14	14	00128	OA5	Yuan Feng	China	Xiamen University	Track A: Emerging Technology	To Dictate or Authorize? Managerial Power and
15	15	00131	OA6	Ziqi Zhang	China	Beijing University Of Post And Telecommunications	Track A: Emerging Technology	Technology life cycle identification framework b
16	16	00135	OA7	Xinyi Ma	China	Beijing University Of Technology	Track A: Emerging Technology	A Recommendation Approach of Scientific Non-I
17	17	00136	A10	Lee-Ting Cho	Taiwan	Wispro	Track A: Emerging Technology	Innovation Ecosystem of Emerging Technologies
18	18	00150	OA9	Ying Huang	China	Wuhan University	Track A: Emerging Technology	Revisit Tech Mining: A Framework to Tracing the
19	19	00151	PDW	Adam Kao-Wen Weng	Taiwan	Chaoyang University Of Technology	Track A: Emerging Technology	The Evolutionary Trajectory of EV Battery Cathod
20	20	00152	OA14	Lina Liu	China	Beijing University Of Posts And Telecommunication	Track A: Emerging Technology	Uncertainty and Risks Assessment of 6G Under G
21	21	00157	OA10	Zizuo Cheng	China	School Of Information Management, Wuhan University	Track A: Emerging Technology	Exploring technology evolution pathways based
22	22	00165	A12	Xaver Neumeyer	Germany	University Of New Mexico	Track A: Emerging Technology	The Two Faces of Tomorrow: Artificial Intelligen
23	23	00201	A13	Adam Kao-Wen Weng	Taiwan	Chaoyang University Of Technology	Track A: Emerging Technology	The academic evolutionary trajectory of EV batte
24	24	00203	A14	Papimon Chantawongwanit	Thailand	National Taiwan University Of Science And Technology	Track A: Emerging Technology	Investigating the drivers in leading emerging tec
25	25	00210	OA11	Zi Ying Chen	China	Central University Of Finance And Economics	Track A: Emerging Technology	The Impact of Green GDP: An Empirical Examinat
26	26	00222	A15	Evita Huai-Ching Liu	Taiwan	Bocconi University	Track A: Emerging Technology	Leader Communication and Stakeholder Respon
27	27	00237	A17	Dongkyun Nam	Korea	Dept. of IoT Service Convergence, College of Graduate school of Information, Yonsei University	Track A: Emerging Technology	Building an Innovative Ecosystem through Living
28	28	00238	A18	Jaehyeok Lee	Korea	Dept. Of IoT Service Convergence, College Of Graduate School Of Information, Yonsei University	Track A: Emerging Technology	Knowledge Flow : Case by the Incheon Smart Mo
29	29	00241	A2	Seonah Choi	Korea	Konkuk University	Track A: Emerging Technology	A Qualitative Performance Analysis of Technolog
30	30	00244	OA12	Yu Wang	China	School Of Public Administration, Zhejiang University	Track A: Emerging Technology	Industrial Digital Transformation in Innovation E
31	31	00259	PDW	Varsha Arya	India	Asia University	Track A: Emerging Technology	Metaverse Diplomacy Exploring the Geopolitical
32	32	00265	A20	Ai-Che Chang	Taiwan	Shih Hsin University	Track A: Emerging Technology	Using Patent Mining Techniques to Construct the
33	33	00283	JKM14	Li Ruoxi	China	Zhejiang University Of Technology	Track A: Emerging Technology	What type of decision-making can facilitate AI-H

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## Proceedings index

- Keynote Lecture
- Track A: Emerging Technology
- Track B: Climate change
- Track C: Foresight
- Track D: Firms and innovation
- Track E: National policies
- Track F: Diffusion modeling
- Track G: New products and market

**3. Click the tracks that you are interested in.**



**4. Only the abstracts and the abstracts that agree to be included will be found here.**

Proceedings index

Keynote Lecture

Track A: Emerging Technology

Track B: Climate change

Track C: Foresight

Track D: Firms and innovation

Track E: National policies

Track F: Diffusion modeling

Track G: New products and market

Hi, Ms. LEE (Registered No: 00002)

Proceedings index

Keynote Lecture

Track A: Emerging Technology

[A02] A Qualitative Performance Analysis of Technological Innovation between Countries : Focusing on the AI-based Service

1. Choi, SeonAh[Ph.D. Student][Konkuk University][Korea]
2. Park, Sungjun(Steven)[Assistant Professor][National Chengchi University][Korea]
3. Sawng, Yeong-wha[Professor][Konkuk University][Korea]

[A04] Global patent mining of smart EV charging networks with case study in a tech-savvy economy

1. Trappey, Amy J.C.[Distinguished Professor][Department Of Industrial Engineering And Engineering Management, National Tsing Hua University, Taiwan][Taiwan]
2. Ou, Clement C.Y.[Student][Department Of Industrial Engineering And Engineering Management, National Tsing Hua University, Taiwan][Taiwan]
3. Liao, Sean C. C.[Student][Department Of Industrial Engineering And Engineering Management, National Tsing Hua University, Taiwan][Taiwan]
4. Lin, Sandy Y.S.[Student][Department Of Industrial Engineering And Engineering Management, National Tsing Hua University, Taiwan][Taiwan]

[A05] Sportstech hits a home run? Digital technologies adoption for the future of baseball in Taiwan

1. Lim, Sirirat Sae[Associate Professor][Institute Of Management Of Technology/National Yang Ming Chiao Tung University][Taiwan]
2. Su, Ming-Yung[Doctoral Student;research Manager][Institute Of Management Of Technology/National Yang Ming Chiao Tung University; Industrial Technology Research Institute][Taiwan]

[A06] Processual Approach: Deskillling/Reskilling in Platform Economy Services

1. Sharif, Naubahar[Professor][The Hong Kong University Of Science And Technology][United Kingdom]
2. Xing, Jack Linzhou[Doctoral Candidate][Georgia Institute Of Technology][Hongkong]

[A08] Unraveling the Complexity of Innovation Ecosystems: Identifying Emerging

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Hi, Ms. LEE (Registered No: 00002)

[Proceedings index](#)

[Keynote Lecture](#)

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