



7th KSF: AI and Productivity: Seizing Opportunities Amidst Emerging Challenges

June 13, 2024

WAPS 
WORLD ACADEMY OF PRODUCTIVITY SCIENCE

 **WORLD
CONFEDERATION OF
PRODUCTIVITY
SCIENCE**

Agenda Today

- Opening Remarks by Anita Tang, VP of WAPS
- Introduction of Speakers
- Remarks by the Moderator
- Presentations by the Speakers
- Panel Discussion (Q&A)
- Closing Remarks by Remi Dairo, KSF Coordinator

World Academy of Productivity Science (WAPS)



Mr. CHEN Shengchang
President



- World Academy of Productivity Science (WAPS) is the academic division of World Confederation of Productivity Science (WCPS).
- Established in 1969, WCPS is a think tank with its headquarters currently located in Montreal, Canada.
- WAPS' **Vision** is to become the premier global body for the promotion and development of productivity towards achieving worldwide collaboration and sustainable growth.
- Our **Mission** is to create, enhance, and disseminate the body of knowledge (BOK) for global productivity through WAPS' worldwide network.



Knowledge Sharing Forum



- Knowledge-Sharing Forum (KSF) was introduced by WAPS in 2022 as an online learning program focusing on United Nations' 17 Sustainable Development Goals.
- KSF provides a forum for sharing knowledge and experiences, best practices and future trends by academicians, thought leaders, subject-matter experts, industry leaders, government officials and Fellows of WAPS around the world on productivity-related topics, challenges and issues.



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Leon BIAN
Moderator
USA



Dr. Michael SHEPHERD
Professor Emeritus
Dalhousie University
Canada



Yue Cathy CHANG
Business Executive
U.S.A.



Lun PENG
Co-Founder, AI-Me
China

Dr. Michael SHEPHERD



Professor Emeritus
Dalhousie University
Canada

Dr. Michael Shepherd is a Professor Emeritus in the Faculty of Computer Science at Dalhousie University, Canada, and served as Dean of the Faculty 2008-2015. As the Dean, he increased enrollments by eighty-five percent and tripled the amount of research funding of the Faculty. He also founded the Institute for Big Data Analytics at Dalhousie and chaired two successful Big Data Conferences, in 2015 and 2017.

Dr. Shepherd has served on the boards of a number of not-for-profit organizations and was the first chairperson of the Big Data Alliance of Nova Scotia, Canada, a not-for-profit organization for big data knowledge transfer between academia and industry. He served previously as the Treasurer and Vice-President of the World Confederation of Productivity Science.

His research area is Information Retrieval, which also included genre for digital documents and the personalization and delivery of electronic news.

Dr. Shepherd was the founder and first CEO of the Centre for Data Analytics and Business Insights at the MYRA School of Business, Mysuru, India.

Yue Cathy CHANG



Business Executive
U.S.A.

Ms. Cathy Chang is a seasoned business executive known for her leadership in software and solution sales, business development, and product marketing within the data science and technology sectors. Most recently, she served as an AVP at Cognizant, driving business initiatives in AI, data science, and digital technologies for vital financial services clients.

Ms. Chang co-authored the book "How to Lead in Data Science," reflecting her commitment to fostering a data-driven culture in business.

She also actively contributes to the business analytics community. She is a member of the Corporate Advisory Board of the Hong Kong University of Science and Technology (HKUST). She was a consultant for NASA's Jet Propulsion Laboratory, and has been an engineering futures facilitator for Tau Beta Pi, the U.S. national Engineering Honor Society, since 2001.

Ms. Chang holds advanced degrees from Massachusetts Institute of Technology (MIT) and Carnegie Mellon University. She has two U.S. patents, underpinning her robust technical and business acumen.

Lun PENG



Co-Founder, AI-Me
China

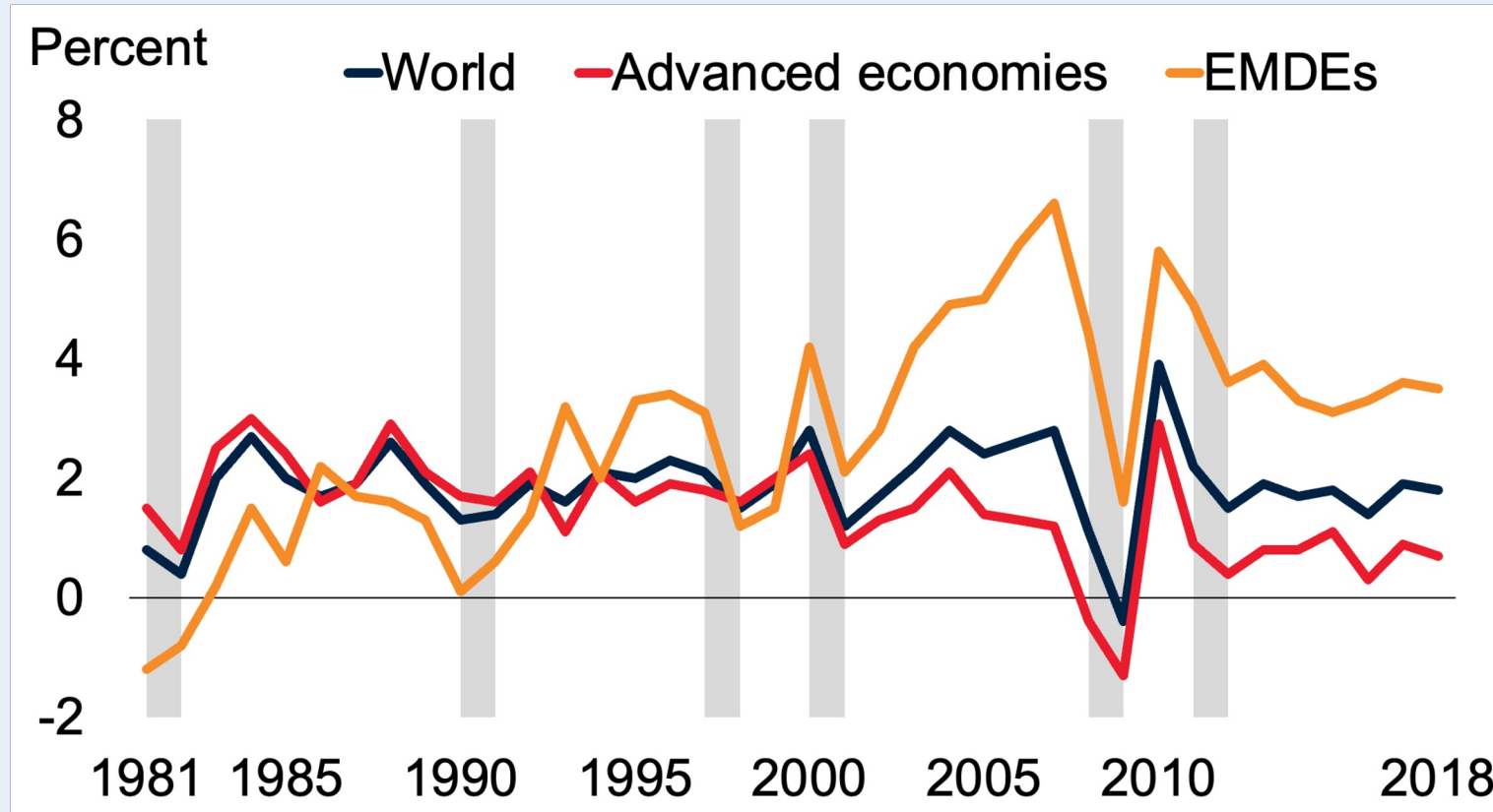
Mr. Lun Peng is co-founder of AI-Me, an AI startup. He was Industry Director at Google, Director at Alibaba, and Senior Director of Digital Partnership at Blackhawk Network.

Schooling at Peking University honed Mr. Peng's analytical and problem-solving skills, his training at the Kellogg School of Management equipped him with leadership qualities and the ability to formulate and implement cutting-edge business strategies, enabling him to successfully build a career in the FinTech and AI industries.

With a decade of experience grounded in engineering and product management, Mr. Peng skillfully applied his technical proficiency and strategic acumen to reliably deliver solutions that address the evolving needs of businesses and consumers alike. He has been instrumental in driving significant advancements and fostering groundbreaking collaborations within the technology landscape.

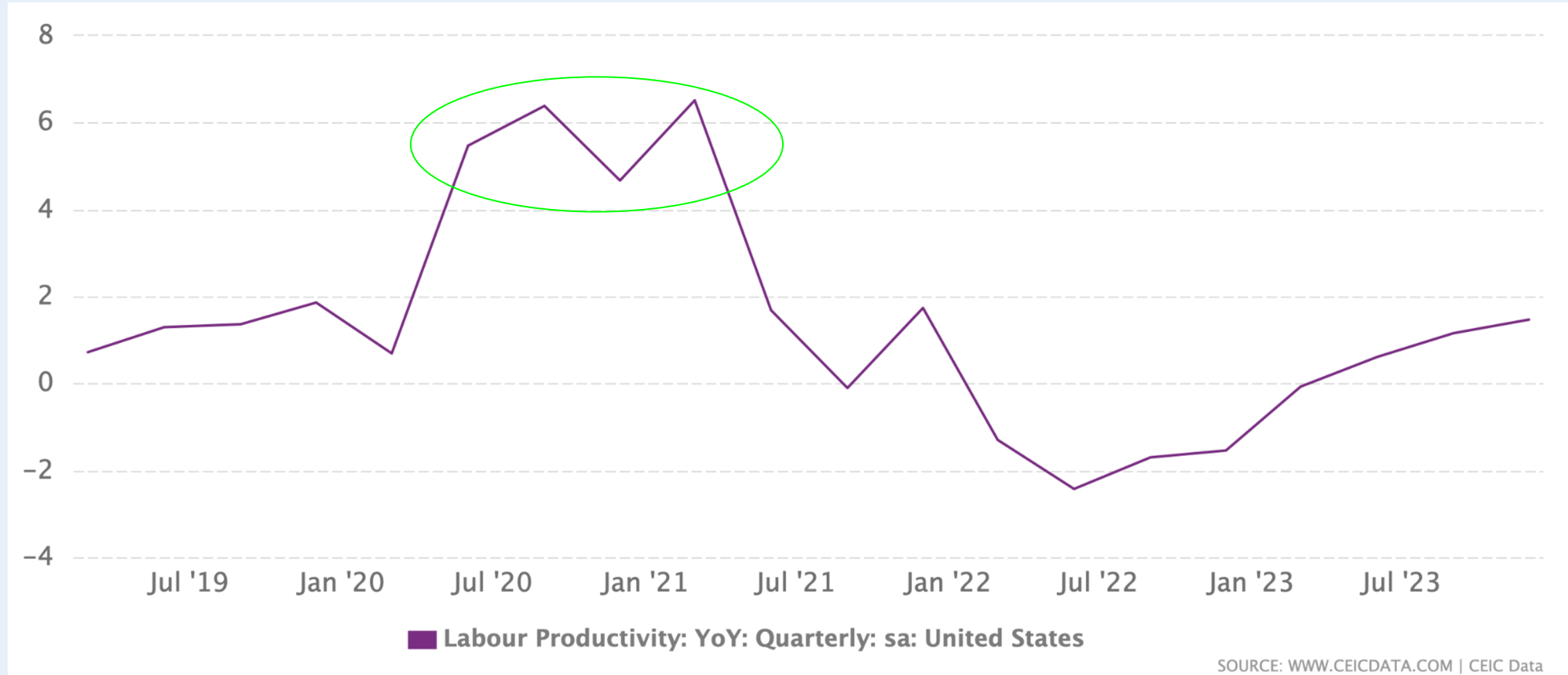
Mr. Peng is deeply committed to the continuous exploration of new technologies and the development of innovative solutions that drive industry standards forward. He is a true believer in the transformative power of technology to improve lives and create a better future for all.

Global, AE, and EMDE Productivity Growth

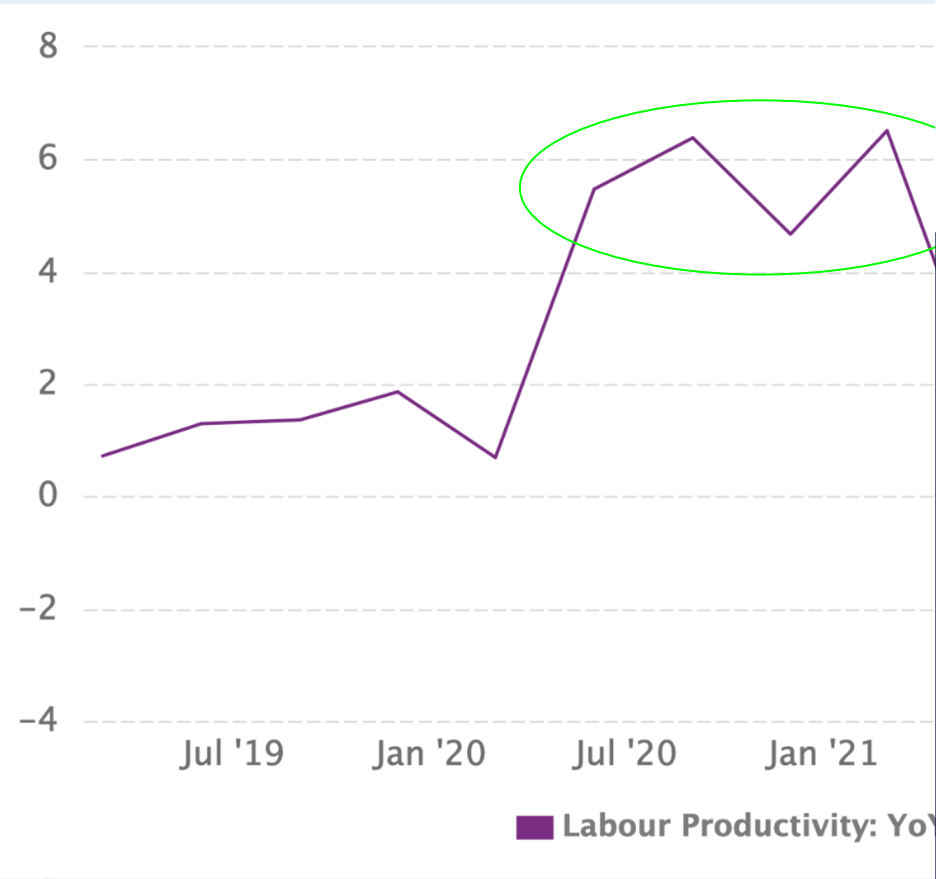


Source: [Conference Board; Penn World Table; World Bank, World Development Indicators.](#)
[Global Productivity: Trends, Drivers, and Policies](#)

US Quarterly Productivity Growth



US Quarterly Productivity Growth



MIT
Technology
Review

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OPINION

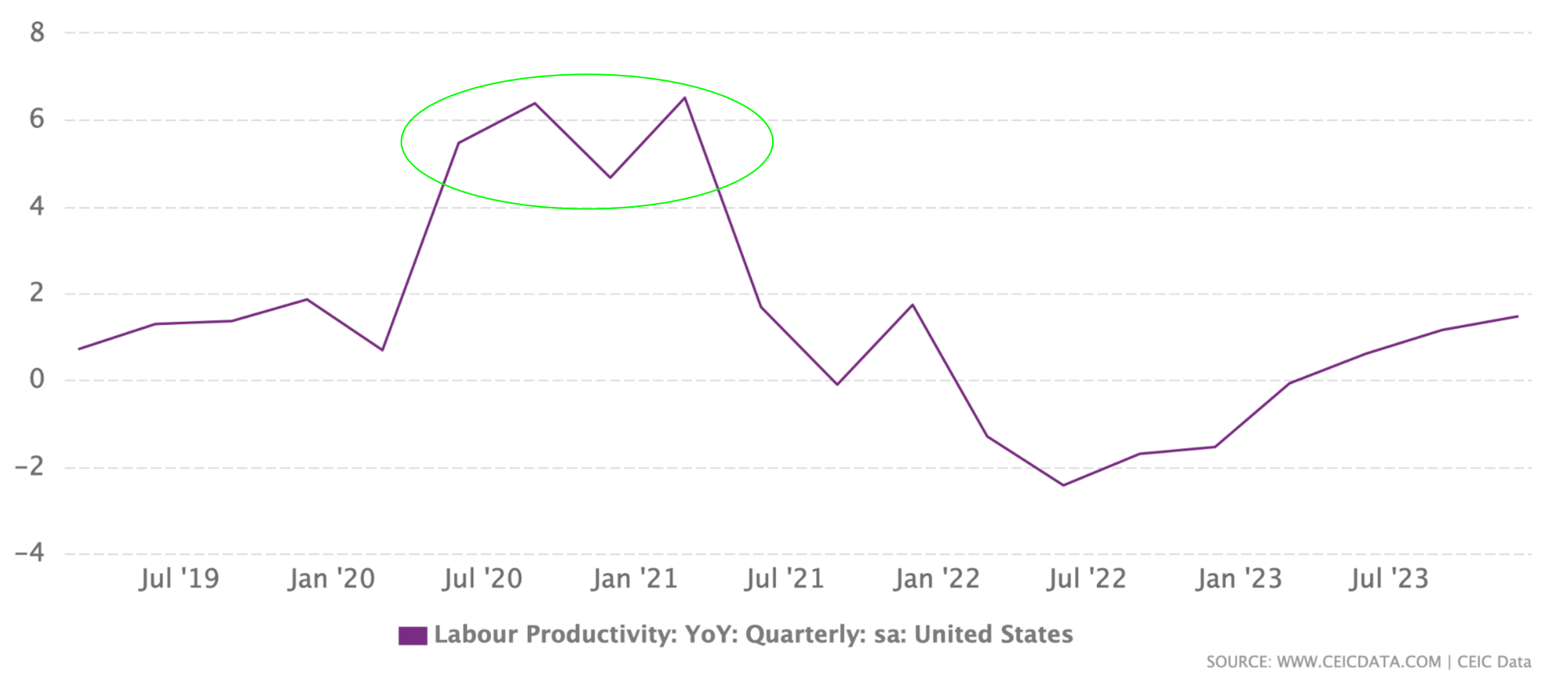
The coming productivity boom

AI and other digital technologies have been surprisingly slow to improve economic growth. But that could be about to change.

By Erik Brynjolfsson & Georgios Petropoulos

June 10, 2021

US Quarterly Productivity Growth



AI's Potential Impact on Productivity Growth

Goldman Sachs: GenAI technologies could contribute to a **7% increase in global GDP**, equivalent to nearly **\$7 trillion**, and boost **productivity growth by 1.5 percentage points** over the next decade.

McKinsey: GenAI could improve labor productivity by **0.1% - 0.6%** annually through 2040. Additionally, GenAI-powered work automation could **add 0.5% - 3.5% to annual productivity growth** when combined with other technologies.

Ernst & Young: GenAI was expected to have a significant impact on the economy, potentially **adding \$650 billion** over the next decade and **increasing real GDP by 2.5% by 2033**.

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Q & A

KSF Leadership



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