



清华大学 计算机科学与技术系  
Department of Computer Science and Technology, Tsinghua University

# The Fourth Global Forum on Development of Computer Science

## Schedule

### Main Forum

**Time:** 9:00AM -12:30AM, January 20, 2024

**Location:** Hall, Building A, Tsinghua Sanya Internation Mathematical Forum, Sanya, China

**Theme:** The Role of Computer Science in University Development Strategy

**Host:** **Andrew Yao**, Dean, Institute for Interdisciplinary Information Sciences, Tsinghua University

**Xia Yin**, Dean, Department of Computer Science and Technology, Tsinghua University

Time	Topic	Speaker
09:00-09:30	Opening Remarks	Invited Speaker
09:30-10:00	Keynote (Online) Computer Science-based Undergraduate Education in Engineering and Sciences	<b>Arvind</b> Head, Computer Science Faculty Massachusetts Institute of Technology
10:00-10:30	Keynote Computational Training	<b>Jack Dongarra</b> Turing Winner, University of Tennessee
10:30-11:00	Keynote Developing Data-driven Innovation across an Ancient University	<b>Jane Hillston</b> Dean, Research Culture, College of Science and Engineering
11:00-11:20	Break	
11:20-12:30	<b>Panel:</b> The role of computer science in university development strategy <b>Chair:</b> Andrew Yao <b>Participants:</b> Arvind, Jack Dongarra, Jane Hillston, Harry Shum	

### Live QR Code



Tsinghua-Chinese



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## Schedule

### Sub-Forum 1

**Time:** 14:00PM - 17:30PM, January 20, 2024

**Location:** Room A211, Tsinghua Sanya Internation Mathematical Forum, Sanya, China

**Theme:** The development trend of computer science

**Chair:** Jane Hillston

Head, School of Informatics, University of Edinburgh

- 14:00-14:20      **Keynote (Online)**  
New Challenges in Computer Science Applications: Reliability and Accountability  
**Holly Rushmeier**  
Chair, Department of Computer Science, Yale University
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- 14:20-14:40      **Keynote**  
Cultivating Progress: Computer Science Education for Societal Advancement.  
An European Perspective  
**Josep Fernandez**  
Dean, School of Informatics, Universitat Politècnica de Catalunya
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- 14:40-15:00      **Keynote**  
Future of computer science and digital profession  
**Asif Gill**  
Head, Discipline Software Engineering, School of Computer Science  
University of Technology Sydney
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- 15:00-15:20      **Keynote**  
Developing AI Education Programs at HKUST  
**Xiaofang Zhou**  
Head, Department of Computer Science and Engineering  
The Hong Kong University of Science and Technology
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- 15:20-15:40      Break
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- 15:40-17:30      **Panel:** The development trend of computer science  
**Chair:** Jane Hillston  
**Participants:** Holly Rushmeier, Josep Fernandez, Asif Gill, Xiaofang Zhou

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# The Fourth Global Forum on Development of Computer Science Schedule

## Sub-Forum 2

**Time:** 14:00PM - 17:30PM, January 20, 2024

**Location:** Room A110, Tsinghua Sanya Internation Mathematical Forum, Sanya, China

**Theme:** Interdisciplinary opportunities in computer science

**Chair:** Wenwu Zhu

**Professor, Department of Computer Science and Technology, Tsinghua University**

14:00-14:20	<b>Keynote</b> Navigating Challenges, Seizing Opportunities: Computer Science in Interdisciplinary Exploration <b>Kian-Lee Tan</b> Dean, School of Computing, National University of Singapore
14:20-14:40	<b>Keynote</b> Prutor: AI-assisted Tutoring for Introductory Programming Courses <b>Amey Karkare</b> Head, Department of Computer Science and Engineering Kanpur, Indian Institute of Technology
14:40-15:00	<b>Keynote</b> Computer Science Education: Personalization, Coralization, and Globalization <b>Zhenjiang Hu</b> Dean, School of Computer Science, Peking University
15:00-15:20	<b>Keynote (Online)</b> Teaching AI at undergraduate level <b>Dame Wendy Hall</b> Regius Professor of Computer Science Pro Vice-Chancellor, University of Southampton
15:20-15:40	<b>Keynote (Online)</b> ACM as a Catalyst in the Development of Interdisciplinary CS Education and Research <b>Yannis Ioannidis</b> Professor, National and Kapodistrian University of Athens President, ACM
15:40-16:00	Break
16:00-17:30	<b>Panel:</b> Interdisciplinary opportunities in computer science <b>Chair:</b> Wenwu Zhu <b>Participants:</b> Kian-Lee Tan, Amey Karkare, Zhenjiang Hu, Dame Wendy Hall, Yannis Ioannidis

Live QR Code



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