Announcement of the 20th Annual Conference on Theory and Applications of Models of Computation (TAMC 2026)

Dates:	13–15 November 2026
Location:	Qingdao, Shandong Province, China
Venue:	Oceantec Valley Hotel Qingdao
Main Themes:	Computability, Complexity, Algorithms, Information Theory, Machine Learning Theory, and Foundations of Artificial Intelligence
Website:	https://www.cs.sdu.edu.cn/tamc2026.htm

Dear Esteemed Colleagues and Scholars,

We are pleased to announce that the **20th Annual Conference on Theory and Applications of Models of Computation (TAMC 2026)** will be held from **13 to 15 November 2026** in **Qingdao, China**. Hosted by the School of Computer Science and Technology at Shandong University, TAMC 2026 aims at bringing together a wide range of researchers with interests in computational theory, information theory, and their applications.

Therefore, we cordially invite authors of accepted papers, scholars, students, and experts in related fields to join this international forum in Qingdao to share their latest research findings and engage in forward-looking academic discussions. The conference details are structured as follows:

I. Scientific Scope and Programme

The conference features plenary keynote speeches and parallel technical sessions covering 45 peer-reviewed papers across core areas of theoretical computer science and foundations of AI, including:

- **Algorithms & Complexity:** Approximation algorithms, parameterized complexity, kernelization, online and streaming algorithms, combinatorial optimization, scheduling, and submodular maximization.
- **Graph Theory & Computational Geometry:** Structural graph algorithms, network design, dominating sets, graph enumeration, computational geometry, and bioinformatics.
- **Models of Computation & Quantum/Formal Methods:** Automata theory and formal languages, quantum query complexity, card-based cryptography, and computational complexity.
- **Algorithmic Game Theory & Foundations of AI:** Mechanism design, fair division, facility location games, computational social choice, learning theory, and structural entropy.

II. Programme Outline

Date & Time	Programme Activity
Nov 13	**Registration**
Nov 14 **08:30 – 12:00**	**Opening Ceremony & Plenary Keynotes**
Nov 14 (Afternoon) **14:00 – 17:30**	**Parallel Sessions**

Nov 15 (Morning) **08:30 – 12:00**	**Parallel Sessions**
Nov 15 (Afternoon)	**Open Discussion**

III. Proceedings, Awards, and Special Issues

- **Proceedings Publication:** The proceedings of TAMC 2026 will be published by **Springer-Verlag** in the **Lecture Notes in Computer Science (LNCS)** series. All accepted papers will be included in the official proceedings volume.
- **Conference Awards:** Awards will be presented for the **Best Paper** and the **Best Student Paper** (where all authors are full-time students at the time of submission).
- **Journal Special Issues:** Selected high-quality papers from TAMC 2026 will be invited to submit extended versions to special issues of renowned peer-reviewed journals: *Theoretical Computer Science, Journal of Combinatorial Optimization, Journal of Computer and System Sciences*, and *Big Data and Information Analytics*.

IV. Registration and Fee Schedule

All participants and authors attending TAMC 2026 are required to complete registration via the official conference portal (https://www.cs.sdu.edu.cn/tamc2026.htm#registration). The registration fee schedule is as follows:

Category	Early Bird Registration (On or before 31 October 2026)	Late / On-Site Registration (After 31 October 2026)
Full Registration (Regular / Author)	**USD 500 or CNY 3,500**	**USD 550 or CNY 3,850**
Student / PC Member Registration	**USD 250 or CNY 1,750**	**USD 300 or CNY 2,100**

Attendees paying their registration fee via bank transfer are kindly requested to remit the payment to the following account:

Company Name: Qingdao Shengxi Conference Services Co., Ltd.

Bank: Qingdao Rural Commercial Bank Corporation, Langu Branch

Account Number: 2060008904205000018380

Taxpayer Identification Number: 91370282MACL6H381E

Important Registration Policies & Notes:

- **Author Registration Requirement:** Each accepted paper must have at least one Full Registration (Regular). Two accepted papers cannot share a single registration.
- **Currency Options:** Registration fees can be paid in either USD or CNY at the amounts shown above.
- **Travel & Accommodation:** All travel, accommodation, meals and personal daily expenses are the responsibility of the attending delegates.
- **Visa Invitation Letters & Registration Inquiries:** For official visa invitation letters, please complete your conference registration and payment first, and then email your passport details to tamc2026_publication@outlook.com.

V. Venue and Accommodation

Conference Venue: Oceantec Valley Hotel Qingdao (蓝谷国际酒店)

Accommodation: A list of recommended hotels near the Shandong University Qingdao Campus will be provided to registered participants.

VI. Visa, Travel, and Local Information

- **Visa Information:** Foreign nationals generally require a Tourist (L) or Business/Exchange (M/F) visa before entering China. Please also check if your country is eligible for China's recent unilateral or bilateral visa-free entry policies. Official invitation letters will be issued upon request after registration.
- **Getting There (Air & Metro):**
  - **By Air:** Qingdao Jiaodong International Airport (TAO) offers direct flights from major domestic and international cities (~60 km from campus, approx. 50–60 minutes by taxi).
  - **By Metro:** From Qingdao North Railway Station or Qingdao Railway Station, participants can take the Qingdao Metro (transferring to the Blue Valley Express Line / 蓝谷快线) and disembark at Shandong University Station (山东大学站), which is directly adjacent to the campus.
- **Local Practicalities:**
  - **Weather:** Qingdao enjoys a temperate oceanic climate; November is cool and crisp (typically 6°C–15°C), comfortable for an academic conference.
  - **Currency & Payment:** The local currency is the Chinese Yuan (CNY/RMB). Mobile payments are ubiquitous in China; international visitors are strongly encouraged to set up the international versions of Alipay or WeChat Pay (which support linking foreign Visa/Mastercard cards) prior to arrival.
  - **Power & Wi-Fi:** Standard voltage is 220V, 50Hz AC (Sockets accept Type A, Type C, and Type I plugs; please bring a universal adapter). Campus Wi-Fi (including Eduroam) will be available throughout the venue.

VII. Organizing Committee and Contact

Steering Committee	Manindra Agrawal (IIT Kanpur), Jin-Yi Cai (UW-Madison), John Hopcroft (Cornell University), Angsheng Li (Beihang University), Zhouchen Lin (Peking University), Zhiyong Liu (ICT, CAS)
General Chairs	Prof. Xiaoming Sun (Institute of Computing Technology, Chinese Academy of Sciences) Prof. Xiuzhen Cheng (Shandong University)
Program Committee Chairs	Prof. Haitao Jiang (Shandong University), Prof. Yangguang Shi (Shandong University), Prof. Ankang Sun (Shandong University), Prof. Ding-Zhu Du (UT Dallas), Prof. Mingyu Xiao (UESTC)
Official Contact	Registration & Invitation Letters: tamc2026_publication@outlook.com General Inquiries: tamc2026@outlook.com Website: https://www.cs.sdu.edu.cn/tamc2026.htm

We look forward to welcoming you to the 20th Annual TAMC Conference in Qingdao!

Organizing Committee of TAMC 2026

School of Computer Science and Technology, Shandong University