

# The 18th International Conference in Wuxi, China: Unveiling Innovation and Advancements



The 18th International Conference in Wuxi, China, held from June 11th to 13th, 2018, was an extraordinary event gathering the brightest minds from around the

globe. This prestigious gathering aimed to showcase exceptional innovations, academic research, and groundbreaking achievements across various fields under the umbrella of Science, Technology, Engineering, and Mathematics (STEM).

## An International Platform for Advancements

The conference, organized by the *Wuxi Institute of Technology*, served as an international platform for researchers, industry professionals, and students to interact, exchange ideas, and foster collaborations. With a focus on scholarly discussions, the conference aimed to advance knowledge, share insights, and lay the foundation for future breakthroughs.



## Computational Science – ICCS 2018: 18th International Conference, Wuxi, China, June 11–13, 2018, Proceedings, Part I (Lecture Notes in Computer Science Book 10860)

by Chein-I Chang (1st ed. 2018 Edition, Kindle Edition)

★★★★★ 5 out of 5

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Screen Reader : Supported  
Enhanced typesetting : Enabled  
Print length : 1140 pages



Participants from over 30 countries flew to Wuxi, a city renowned for its vibrant culture, historical heritage, and thriving technological advancements. The conference provided an enriching experience, blending academic rigor with the charm and beauty of Wuxi's local surroundings.

## **Unveiling the Proceedings**

The conference proceedings included an array of scientific papers, keynote speeches, panel discussions, and poster presentations. The carefully curated content showcased the latest theories, methodologies, and discoveries in the respective fields of study.

Researchers and academics submitted abstracts months in advance, undergoing a rigorous peer-review process. The selected papers were then divided into various tracks, accommodating diverse domains such as Computer Science, Electrical Engineering, Artificial Intelligence, Biotechnology, and more.

## **Keynote Speeches by Visionaries**

The conference featured inspirational keynote speeches by pioneers and visionaries, providing insights into the future of technology and its impact on society. These renowned speakers captivated the audience with their innovative ideas, transformative projects, and unique perspectives.

One of the standout speeches was delivered by Dr. Chen Wei, a leading expert in Robotics and Automation. Dr. Wei shared his groundbreaking research on the development of humanoid robots, emphasizing their potential applications in healthcare, manufacturing, and disaster response.

## **Panel Discussions: Bridging the Gap**

Engaging panel discussions took center stage during the conference, addressing the challenges and opportunities within various industries. Industry experts, academics, and government representatives came together to explore practical solutions, novel approaches, and collaborative initiatives.

One of the panel discussions focused on the integration of renewable energy sources and the transition to a sustainable future. Prof. Zhang Li, a prominent environmental scientist, stressed the importance of adopting eco-friendly practices and harnessing clean energy technologies to combat climate change.

## **Networking and Collaboration**

The conference facilitated numerous networking opportunities, allowing participants to form connections with peers, industry professionals, and potential collaborators. Building these relationships offered attendees the chance to discuss research projects, exchange ideas, and forge partnerships for future endeavors.

Dr. Maria Rodriguez, an upcoming researcher in the field of Nanotechnology, expressed her enthusiasm about the networking opportunities at the conference. "It was an amazing experience to meet fellow researchers and learn about their fascinating work. The connections I made here will undoubtedly pave the way for fruitful collaborations in the coming years," she said.

## **Experiencing Wuxi's Cultural Splendor**

The conference attendees couldn't resist exploring the cultural richness that Wuxi had to offer. From visiting ancient temples and magnificent gardens to savoring traditional cuisine, the city provided an immersive experience for the participants.

As the conference came to a close, participants left with a deep sense of fulfillment, having acquired knowledge, expanded their horizons, and established new connections. The 18th International Conference in Wuxi, China truly encapsulated the spirit of innovation, collaboration, and progress.

## **Looking Ahead**

The success of the 18th International Conference has paved the way for the upcoming 19th edition, which promises to build upon this legacy of excellence. As advancements continue to shape our world, conferences like these play a pivotal role in shaping the future of global research, driving innovation, and fostering international collaborations.

If you seek knowledge, inspiration, and opportunities to connect with global experts, mark your calendars for the upcoming conference in Wuxi, China. Join this vibrant community of thinkers, visionaries, and innovators to ignite your passion, broaden your horizons, and contribute to the realm of scientific excellence.



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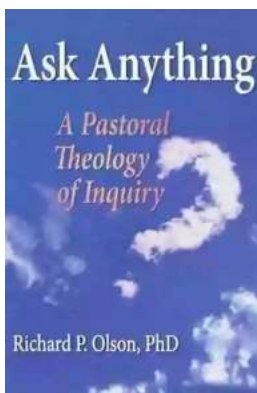
The three-volume set LNCS 10860, 10861 + 10862 constitutes the proceedings of the 18th International Conference on Computational Science, ICCS 2018, held in Wuxi, China, in June 2018.

The total of 155 full and 66 short papers presented in this book set was carefully reviewed and selected from 404 submissions. The papers were organized in topical sections named:

Part I: ICCS Main Track

Part II: Track of Advances in High-Performance Computational Earth Sciences: Applications and Frameworks; Track of Agent-Based Simulations, Adaptive Algorithms and Solvers; Track of Applications of Matrix Methods in Artificial Intelligence and Machine Learning; Track of Architecture, Languages, Compilation and Hardware Support for Emerging ManYcore Systems; Track of Biomedical and Bioinformatics Challenges for Computer Science; Track of Computational Finance and Business Intelligence; Track of Computational Optimization, Modelling and Simulation; Track of Data, Modeling, and Computation in IoT and Smart Systems; Track of Data-Driven Computational Sciences; Track of Mathematical-Methods-and-Algorithms for Extreme Scale; Track of Multiscale Modelling and Simulation

Part III: Track of Simulations of Flow and Transport: Modeling, Algorithms and Computation; Track of Solving Problems with Uncertainties; Track of Teaching Computational Science; Poster Papers



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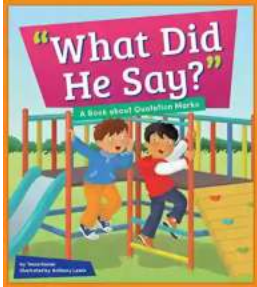
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