



AICAS 2024 Grand Challenge

Workshop

arm



March 2, 2024

Workshop Introduction

AICAS 2024 Grand Challenge Workshop is held at the Nanjing University International Conference Center. The aim of this workshop is to introduce the various high-performance Software and hardware collaborative optimization techniques for the use in the large language model in multi-core CPU system. This allows the finalist teams to achieve better performance in their model tuning and accelerating the computational speed. We invited a number of industrial technical experts and academia scholars in this field and also invited the past year winning teams to share their research results and experiences, and discuss the latest technological advances in related software and hardware platforms.

Agenda

Time: Beijing time 14:00-17:30 March 2, 2024

Place: Nanjing University International Conference Center,
2nd Floor Middle Hall

Online conference link:

<https://us06web.zoom.us/j/87870699251?pwd=Cm0K21gFVw0RoKubY25YX6KuXHmski.1>

Room ID: 878 7069 9251

Password: 307455

Meeting agenda:

Time	Content
14:00—14:10	The IEEE CASS President Prof. Myung Hoon Sunwoo Opening Speech
14:10—14:30	The T-Head Inc. Introduction to Yitian Platform Acceleration
14:30—14:50	The Arm Inc. Optimization technology and practice of large models on Arm architecture
14:50—15:10	Prof. Yajun Ha, ShanghaiTech University One-Shot Full-Integer Lightweight DNN Quantization via Tuanble Activation Imbalance Transfer
15:10—15:30	Prof. Cheng Zhuo, Zhejiang University An Agile Framework for Efficient Inference of Binarized LLMs on RISC-V Accelerators
15:30—16:00	Coffee Break and Group Photo
16:00—16:20	Grand Challenge 2023 Winning team 1 Performance optimization and acceleration of AI tasks on the Yitian platform
16:20—16:40	Grand Challenge 2023 Winning team 2 Performance optimization and acceleration of AI tasks on the Yitian platform
16:40—17:00	The Alibaba Inc. Introduction to Qianwen Large Language Model Technology

International Travel reimbursement award:

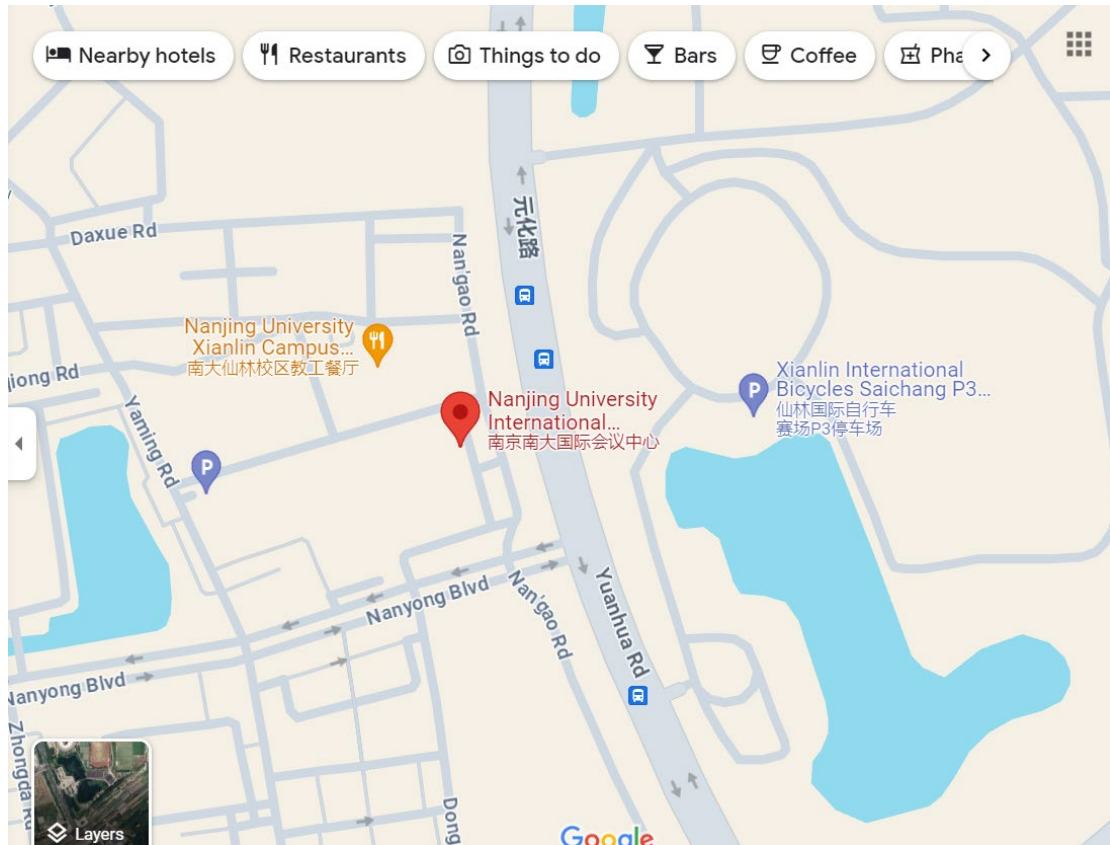
US\$700 per team with maximum 6 team.

Requirement: Non-mainland China Team; The team score rank of the Preliminary Round in the Tianchi Platform is among top 32;
The award will be granted based on the Preliminary Round score rank.

Accommodation

Venue location:

Nanjing University International Conference Center
(Inside the east gate of Xianlin Campus of Nanjing University, No. 163 Xianlin Avenue, Qixia District)
2nd Floor Middle Hall
Contact number: 025-89686666 , 025-89686888



Google map link:

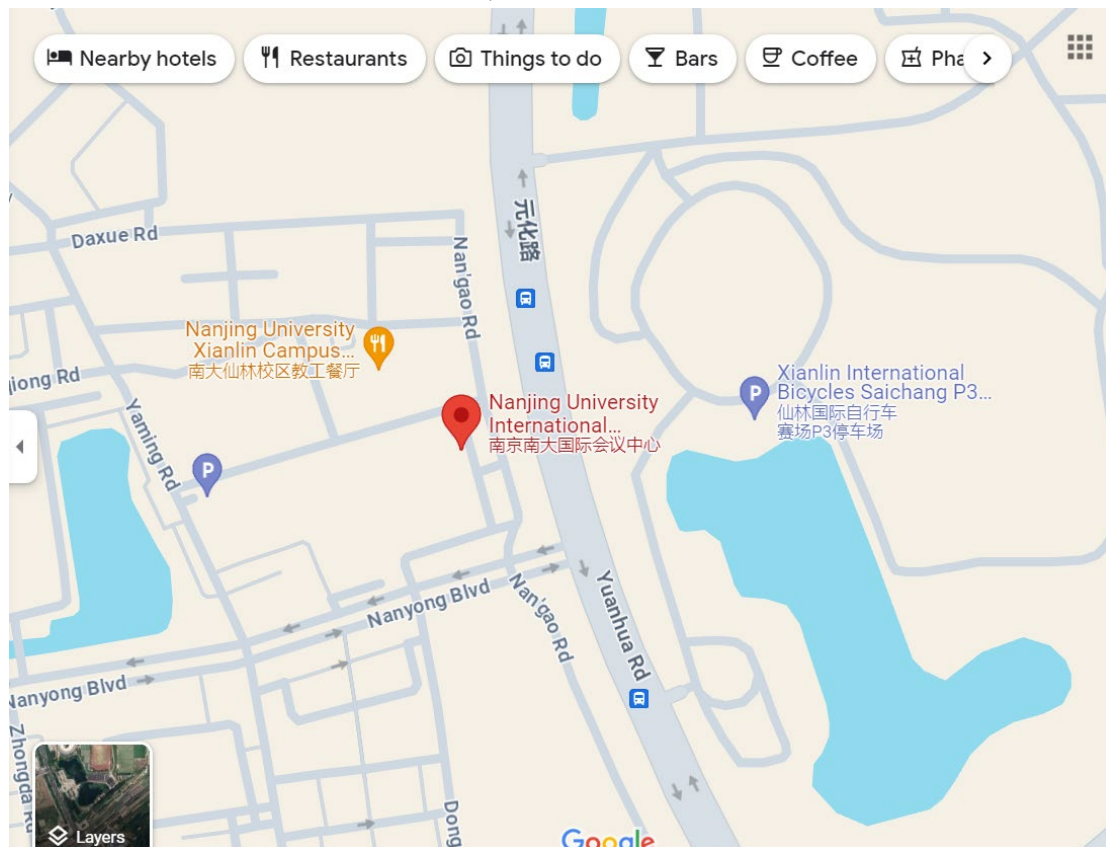
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Recommended Hotels

1、Nanjing University International Conference Center

(Inside the east gate of Xianlin Campus of Nanjing University, No. 163 Xianlin Avenue, Qixia District

Contact number: 025-89686666 , 025-89686888



Google map link:

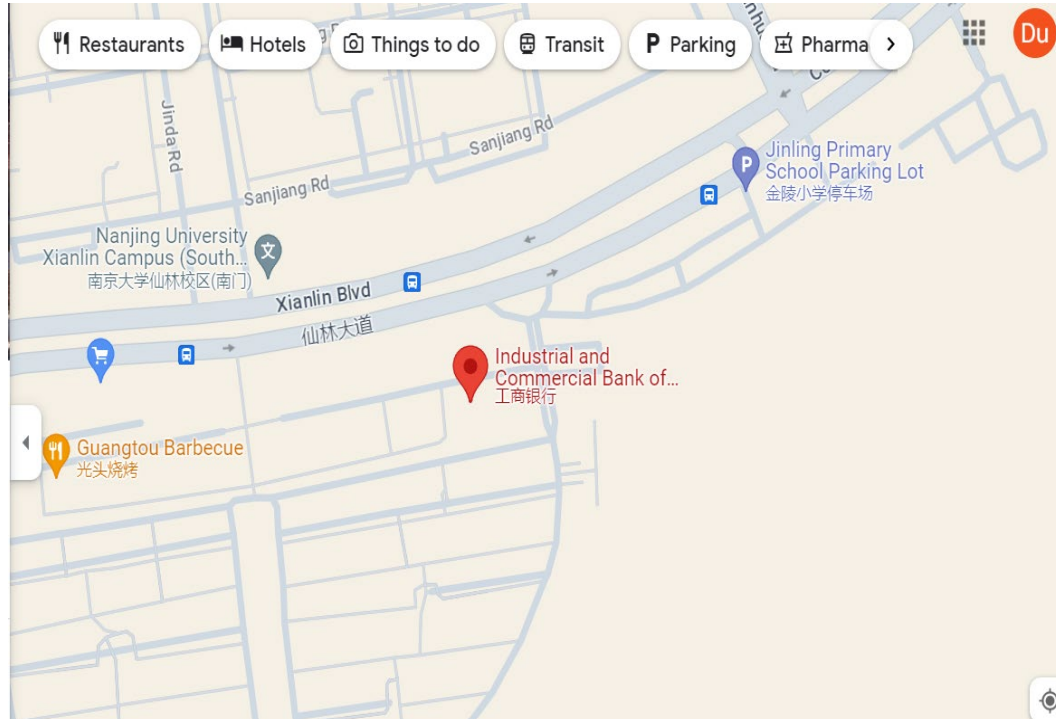
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Recommended Hotels

2、Atour Hotel

Nanjing University Metro Station Xianlin University Town Branch

Contact number: 15951962356



Google map link:

https://www.google.com.hk/maps/place/ICBC/@32.1085112,118.9610078,16.75z/data=!4m6!3m5!1s0x35b5ebfcbcf658a7:0x360f4b3c7c757d02!8m2!3d32.108809!4d118.963296!16s%2Fg%2F11c5_9xvr8?entry=ttu

Contact:

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Registration:

- 1、Scan the WeChat code to join the competition group



- 2、Send an email to register to participate: yaoruosi@nju.edu.cn