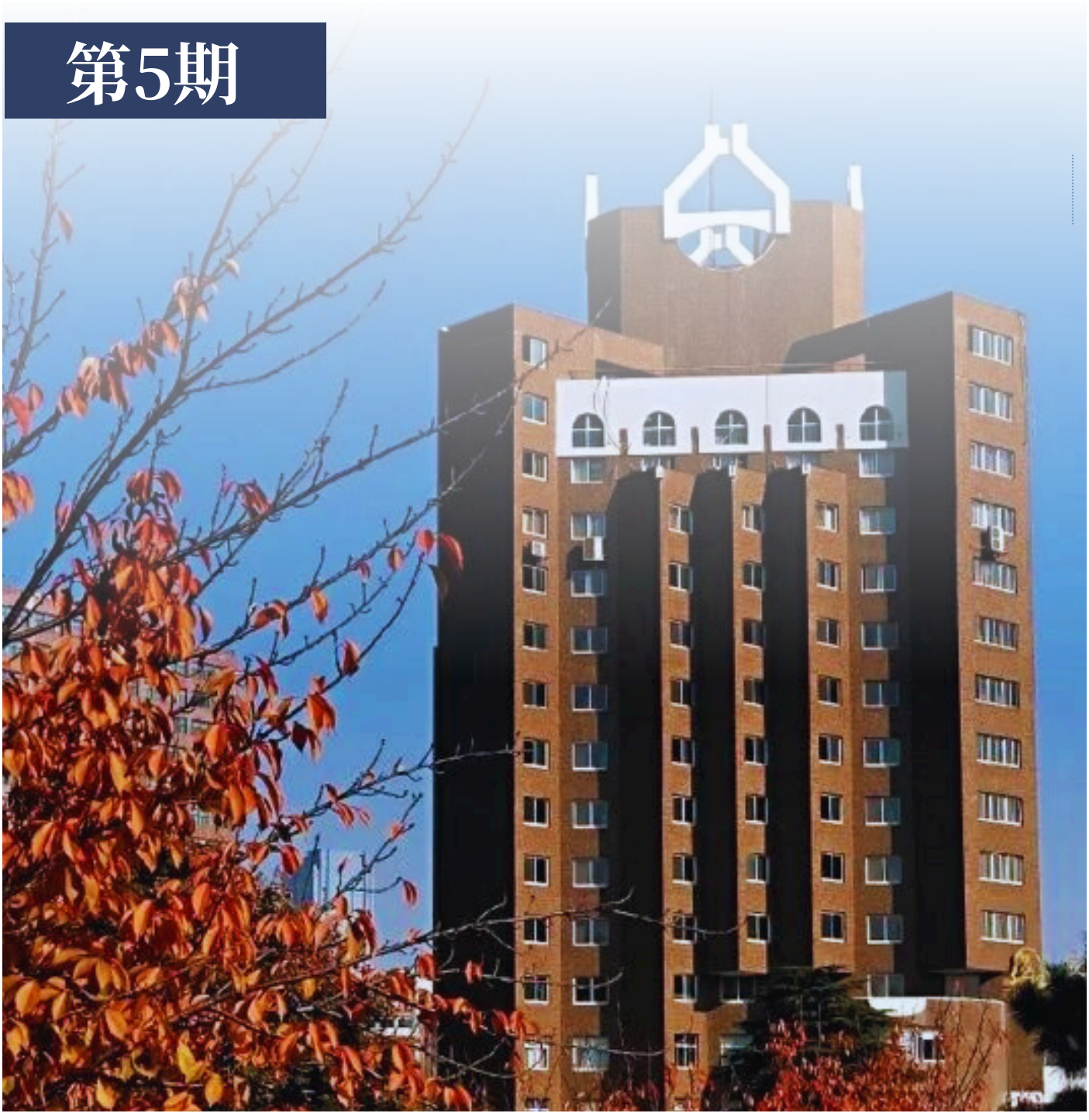
MONTHLY REPORT

2025.01-02 University of Science and Technology of China

第5期



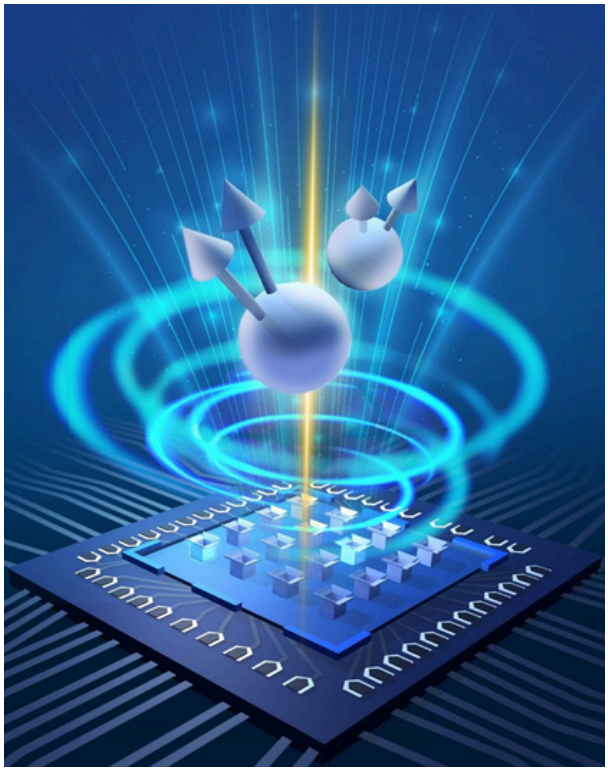
Abstract ◎ Research ◎ Activity ◎ Alumni

RESEARCH

Jan.16

READ MORE

USTC’s Two Achievements received notable recognition as “China’s Top 10 Science and Technology News of 2024”



On December 24, 2024, the Science and Technology Daily, in collaboration with other distinguished academicians, recognized two pioneering achievements from USTC as “China’s Top 10 Science and Technology News of 2024.” These milestones further solidify USTC's preeminent position in advanced scientific research.

READ MORE

Jan. 20

Researchers First Observe Counterflow Superfluidity in Mott Insulator



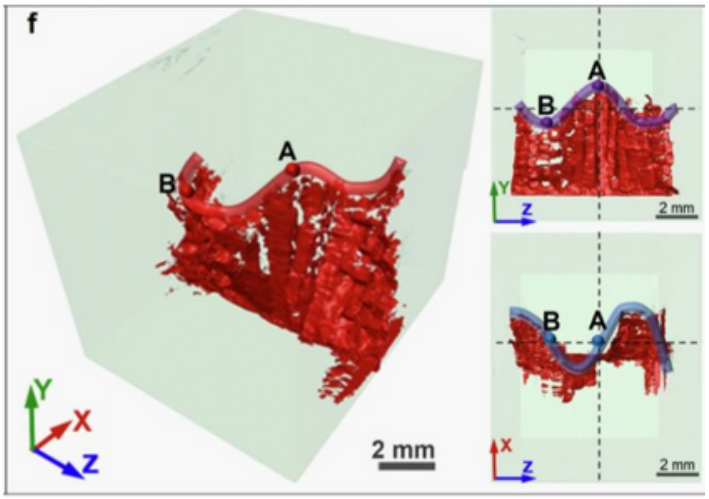
A research team led by Prof. PAN Jianwei, Prof. WAN Zhensheng and Prof. DENG Youjin from the University of Science and Technology of China (USTC) observed counterflow superfluidity in two-component Mott insulator for the first time. Their research was published in ***Nature Physics***.

RESEARCH

Jan.24

READ MORE

Researchers Reveal Toughening Mechanism of Crack Front in Bioinspired Materials



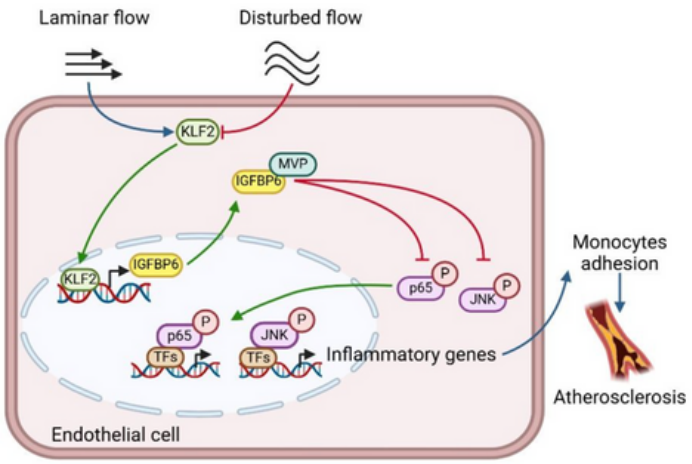
Recently, a research team led by Prof. NI Yong and Prof. HE Linghui from the University of Science and Technology of China (USTC) uncovered the propagation and toughening mechanism of tortuous crack front in bioinspired anisotropic heterogeneities, and developed an optimization design for toughness amplification by manipulating microstructural orientation. Their work was published in ***Nature Communications***.

READ MORE

Jan.25

IGFBP6: New Therapeutic Target for Atherosclerosis

A research team led by Prof. WENG Jianping from the University of Science and Technology of China (USTC) revealed that insulin-like growth factor-binding protein 6 (IGFBP6) serves as a potential therapeutic target for suppressing endothelial inflammation and atherosclerosis. Their work was published in ***Nature Cardiovascular Research***.



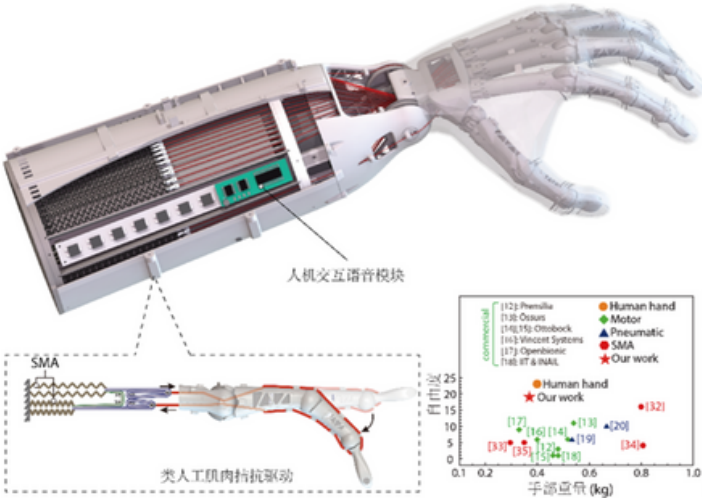
RESEARCH

Feb.12

READ MORE

USTC Successfully Develops 19-DOF Biomimetic Dexterous Prosthetic Hand

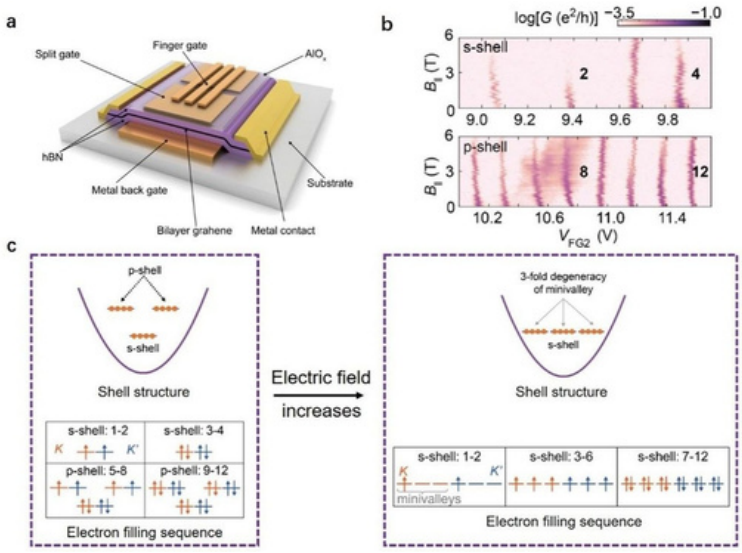
A team of researchers from the University of Science and Technology of China (USTC) has recently developed a lightweight prosthetic hand with 19 degrees of freedom (DOF), capable of replicating human hand functions. This development can assist in the functional rehabilitation and daily activities of millions of upper-limb amputees. The research was published in ***Nature Communications***.



READ MORE

Feb.13

USTC Achieves Electrical Manipulation of Spin Filling Sequence in Bilayer Graphene based Quantum Dots



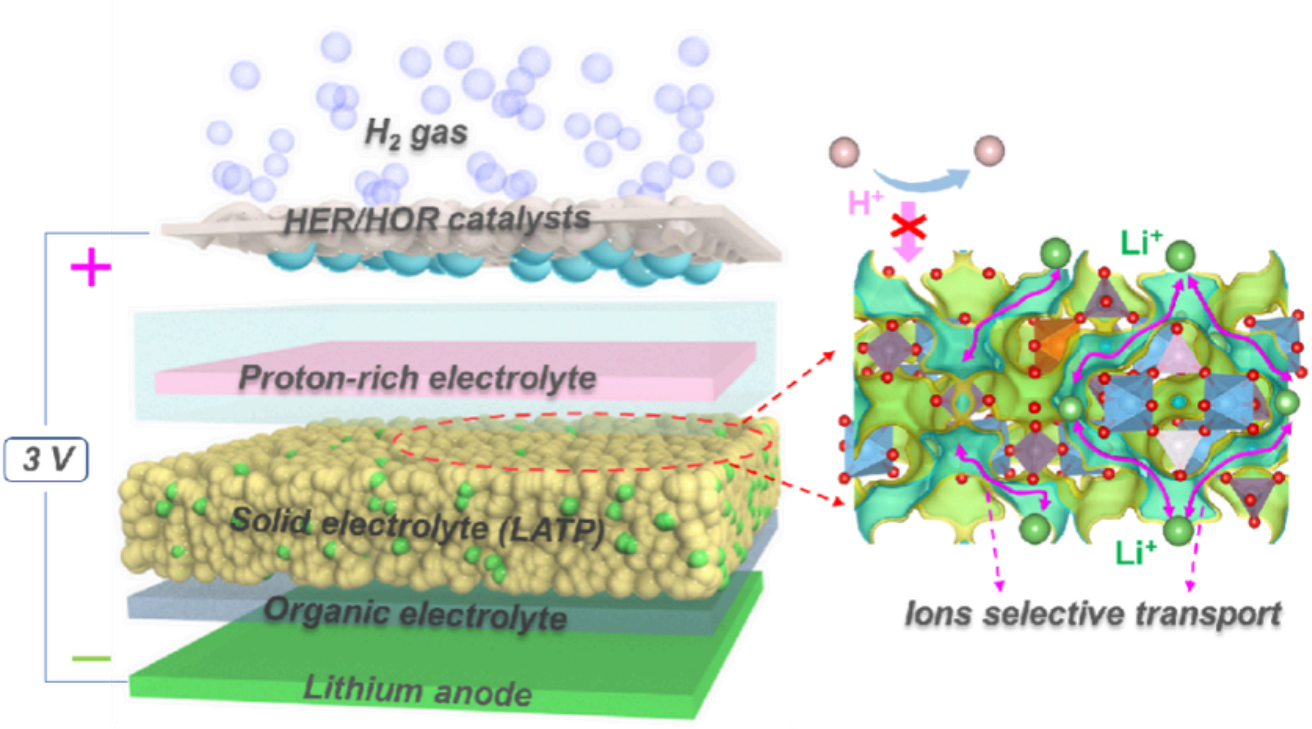
A team led by Prof. Guo Guangcan from the University of Science and Technology of China (USTC) has demonstrated the ability to electrically manipulate the spin filling sequence in a bilayer graphene (BLG) quantum dot (QD). This achievement, published in ***Physical Review Letters***, showcases the potential to control the spin degree of freedom in BLG, a material with promising applications in quantum computing and advanced electronics.

RESEARCH

Feb.14

READ MORE

USTC Develops High-Performance Rechargeable Lithium-hydrogen Gas Batteries



A research team led by Prof. CHEN Wei at University of Science and Technology of China (USTC) has introduced a new chemical battery system which utilizes hydrogen gas as the anode. The study was published in the ***Angewandte Chemie International Edition***.

ACTIVITY

Jan 10

READ MORE

My Spring Festival In Anhui

On January 10, the “My Spring Festival in Anhui (Hefei 2025)” Activity, took place at Luogang Park in Hefei. Invited to join the celebration, international students from USTC participated and enriched the event with their captivating performances, adding interactive charm and cultural vibrancy to the festivities. The “My Spring Festival in Anhui” event not only showcased the talents and charisma of USTC’s international students but also provided them with an opportunity to delve deeper into the essence of Chinese traditional culture and the unique charm of the Chinese New Year.









ACTIVITY

Jan 17

READ MORE

Shenfu Spring Festival Event

On January 17th, international students went to Shenfu Village Cultural and Creative Industry Base to attend “Shenfu New Year Blessing Event”. The event is centered around the theme of "Come to Shenfu, feel true happiness", and a series of colorful activities have been carefully planned.





Students and citizens interacted enthusiastically, boiled tea around the stove, made dumplings, experienced intangible cultural heritage, and felt the warmth and joy of the Chinese New Year.





ACTIVITY

Feb12-13 READ MORE

“Explore WUHU” Field Trip



Recently, eight international students from USTC embarked on an unforgettable cultural journey to the historic city, immersing themselves in Chinese culture and celebrating the Lantern Festival in spectacular fashion! Their adventure began with a deep dive into the artistry of Iron Paintings, a unique local craft with a rich history. They were also captivated by impressive and beautiful traditional performances that brought centuries-old culture to life.





ALUMNI

Rakotondrasoa Sahaza Delis

SL20025001
Journalism and Communication

MADAGASCAR



My name is RAKOTONDRASOA SAHAZA DELIS, and my Chinese name is 王 双 卿 (Wáng Shuāngqīng). I am from Madagascar. In 2024, I completed my Master's degree in Journalism and Communication at the University of Science and Technology of China.



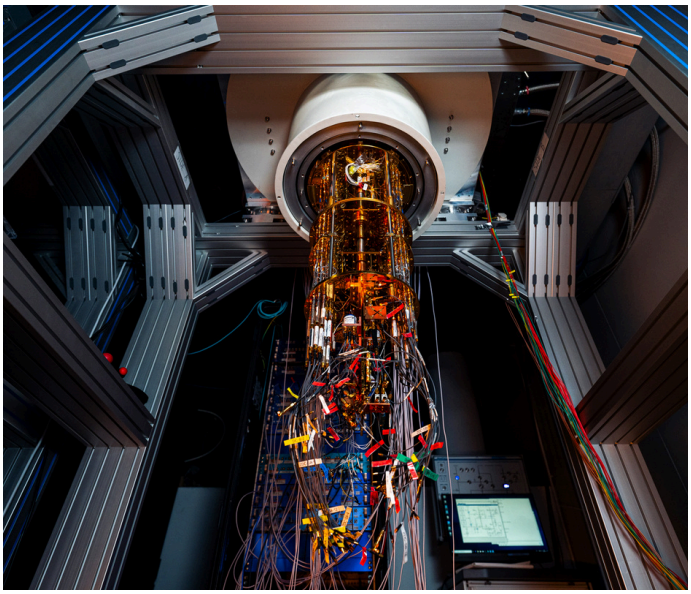


This experience laid a solid theoretical foundation for me and sparked a strong interest in the Chinese media industry.

ALUMNI

During my studies, I developed a keen interest in photography and served as a photographer for the university's publicity department, participating in many campus photography projects.





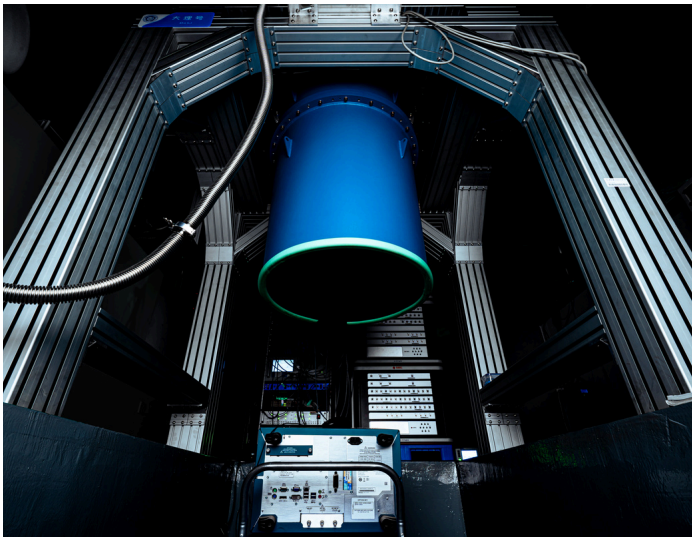
Through these practical experiences, I have accumulated rich photography skills and mastered the technique of capturing wonderful moments. I was able to use my lens to document every detail of campus life and contribute to the construction of campus culture.



ALUMNI

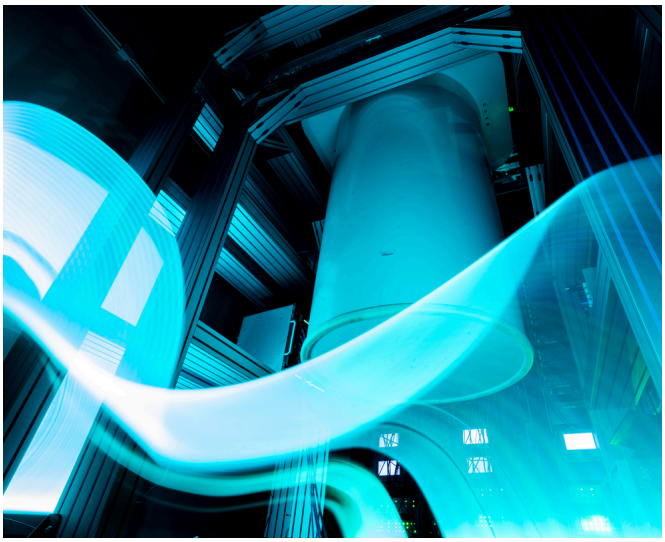
Currently, I work at a media company as a photographer and video editor. I have turned my passion from my student days into a professional pursuit. In my work, I continuously explore and innovate, dedicated to capturing the beauty of the world through the lens and telling vivid stories through editing.





I am passionate about photography and video editing, and I look forward to creating more in-depth and meaningful works in the future. I also hope to engage in exchanges and learning with industry peers to collectively promote the development of the media industry.

Additionally, I aim to use my professional skills to facilitate cultural exchange and integration between Madagascar and China, enhancing mutual understanding and friendship between the people of the two countries.



SHARE YOUR STORY!

WHAT YOU CAN SHARE

including but not limited to

- CAREER & RESEARCH
- LIFE AFTER USTC
- ENTREPRENEURIAL VENTURES
- CROSS-CULTURAL EXPERIENCES
- MEMORABLE USTC MOMENTS

FORMATS

- ARTICLES OR ESSAYS
- PHOTO STORIES
- SHORT VIDEOS
- INTERVIEWS

SUBMIT NOW!

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