



UNIVERSITY OF  
**LEICESTER**

# 2nd Workshop for Sino-UK to Promote the Development and Application of Artificial Intelligence

School of Computing and Mathematical Science, University of  
Leicester

**10th December 2021**

College Court, Leicester, LE2 3UF

## Keynote Speakers:

Caroline Li (University of Kent).

Talk: [Exploring the Symbiotic Relationship - When Artificial Intelligence Meets Human Intelligence.](#)

Junqing Zhang (University of Liverpool).

Talk: [Deep Learning-Powered Radio Frequency Fingerprint Identification for Internet of Things.](#)

Cong Wang (Northwestern Polytechnical University)

Talk: [Fuzzy clustering for G-image segmentation](#)

Jianing Xi (Northwestern Polytechnical University)

Talk: [Low-rank modelling of cancer heterogeneity for genomic data.](#)

## Committee:

Honghui Du (University of Leicester).

Feixiang Zhou (University of Leicester).

Benjamin Cham (University of Leicester).

Registration open **NOW**

Please email your name and university username to:

[2ndsinouk@gmail.com](mailto:2ndsinouk@gmail.com)



THE ROYAL SOCIETY



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08:30 – 09:00 **Coffee & Tea**

08:50 – 09:00 **Registration**

09:00 – 09:10 **Opening Speech (Prof. Lu Liu, Head of School)**

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## Session I: (Chaired by Prof. Huiyu Zhou & Honghui Du)

- 09:10 – 09:40 **Dr. Junqing Zhang** (University of Liverpool)  
*Deep Learning-Powered Radio Frequency Fingerprint Identification for Internet of Things*
- 09:40 – 09:55 **Anthony Miller** (University of Leicester)  
*An Empirical Analysis of LADA Diabetes Case, Control and Variable Importance*
- 09:55 – 10:10 **Xiang Yu** (University of Leicester)  
*PeMNet for Breast Pectoral Muscle Segmentation*

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## Session II: (Chaired by Jialin Lyu)

- 10:10 – 10:30 **Dr. Cong Wang** (Northwestern Polytechnical University)  
*Fuzzy Clustering for G-image Segmentation*
- 10:30 – 10:50 **Dr. Jianing Xi** (Northwestern Polytechnical University)  
*Low-rank Modelling of Cancer Heterogeneity for Genomic Data*
- 10:50 – 11:30 **Group Photo & Coffee Break**

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## Session III: (Chaired by Xinyu Yang & Prof. Huiyu Zhou)

- 11:30 – 11:45 **Long Chen** (University of Leicester)  
*SWIPENET: Object Detection in Noisy Underwater Images*
- 11:45 – 12:00 **Hongri Cong** (University of Leicester)  
*Identification and Uncertainty Quantification of Hybrid Models*
- 12:00 – 12:30 **Dr. Caroline Li** (University of Kent)  
*Exploring the Symbiotic Relationship - When Artificial Intelligence Meets Human Intelligence*
- 12:30 – 13:30 **Lunch**

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## Session IV: (Chaired by Benjamin Cham)

- 13:30 – 13:45 **Xiang Sun** (University of Leicester)  
*Twitter-Robot: An Event Detection Model based on Knowledge Distillation*
- 13:45 – 14:00 **Shiyi Zhang** (University of Leicester)  
*Mental Health Communication on Social Media*
- 14:00 – 14:15 **Zisen Zhou** (University of Leicester)  
*Toward Co-creative Dungeon Generation via Transfer Learning*
- 14:15 – 14:30 **Lin Zou** (University of Leicester)  
*Creative Computing in Text Processing*
- 14:30 – 14:45 **Concluding Remarks**

Please direct any inquiries to [2ndsinouk@gmail.com](mailto:2ndsinouk@gmail.com)