



Research Grants Council Award Presentation Ceremony 2024/25

研究資助局
Research Grants Council

RGC Senior Research Fellow Scheme

大學教育資助委員會
University Grants Committee

SRFS Awardee 2024/25



Prof Jing CHEN

陳敬教授

Department of Electronic and Computer Engineering

The Hong Kong University of Science and Technology



Research Grants Council Award Presentation Ceremony 2024/25

SRFS Awardee 2024/25

Project Title:

Unlocking the Full Potential of Wide-bandgap Semiconductors through Heterogeneous Integration and Junction Engineering for Highly Efficient Power Conversion Systems

SRFS Awardee 2024/25



Prof Yi-hui HUANG

黃懿慧教授

Department of Media and Communication

City University of Hong Kong



Research Grants Council Award Presentation Ceremony 2024/25

SRFS Awardee 2024/25

Project Title:

Navigating Trust in Turbulent Times: Gauging Situational Trust Dynamics Model (STDM) Through A Five-Year Longitudinal Study Across Chinese and Western Societies in Crisis Contexts

SRFS Awardee 2024/25



Prof Xiao-hua JIA

賈小華教授

Department of Computer Science

City University of Hong Kong



Research Grants Council Award Presentation Ceremony 2024/25

SRFS Awardee 2024/25

Project Title:

**Robust Aggregation, Proof-of-data and Proof-of-training in
Federated Learning**

SRFS Awardee 2024/25



Prof Michael Rung-Tsong LYU

呂榮聰教授

Department of Computer Science and Engineering

The Chinese University of Hong Kong



Research Grants Council Award Presentation Ceremony 2024/25

SRFS Awardee 2024/25

Project Title:

Evaluation, Exploration, and Application of Large Language Models on Code Intelligence

SRFS Awardee 2024/25



Prof Anderson Ho Cheung SHUM

岑浩璋教授

*Department of Biomedical Engineering
& Department of Chemistry*

City University of Hong Kong



Research Grants Council Award Presentation Ceremony 2024/25

SRFS Awardee 2024/25

Project Title:

**Deciphering Sequence-Dependent Molecular Interactions in
Oligonucleotide-Based Coacervates: A Paradigm Shift in
Biomaterial Design and Biomedical Engineering**

SRFS Awardee 2024/25



Prof Wen-xiong WANG

王文雄教授

School of Energy and Environment

City University of Hong Kong



Research Grants Council Award Presentation Ceremony 2024/25

SRFS Awardee 2024/25

Project Title:

**Biokinetics, Trafficking, and Biodynamics of Microplastics
and Nanoplastics in Aquatic Animals**

SRFS Awardee 2024/25



Prof Christina Wing-yan WONG

黃詠恩教授

School of Fashion and Textiles

The Hong Kong Polytechnic University



Research Grants Council Award Presentation Ceremony 2024/25

SRFS Awardee 2024/25

Project Title:

**Beyond Regulatory Exertion: Circular Economy Governance,
and its Institutionalization and Performance Impacts**

SRFS Awardee 2024/25



Prof Zi YAN

晏子教授

Department of Curriculum and Instruction

The Education University of Hong Kong



Research Grants Council Award Presentation Ceremony 2024/25

SRFS Awardee 2024/25

Project Title:

**Bottom-up Assessment Reform: The Student-centred
Assessment-driven Learning (SCADL) Platform**

SRFS Awardee 2024/25



Prof Qian ZHANG

張黔教授

Department of Computer Science and Engineering

The Hong Kong University of Science and Technology



Research Grants Council Award Presentation Ceremony 2024/25

SRFS Awardee 2024/25

Project Title:

**A Framework for Human-Centric Contactless Sensing Using
mmWave Signals**

SRFS Awardee 2024/25



Prof Ni ZHAO

趙鈺教授

Department of Electronic Engineering

The Chinese University of Hong Kong



Research Grants Council Award Presentation Ceremony 2024/25

SRFS Awardee 2024/25

Project Title:

**Development of Optical Sensing Technologies for Early
Detection and Ambulatory Monitoring of Cardiovascular and
Cerebral Diseases**