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University of Derby, College of Business, Law and Social Sciences, Derby, United Kingdom

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Evaluation of and design conditions for efficient and sustainable animal production systems

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University of Florida Department of Agricultural and Biological Engineering, Gainesville, Florida, United States of America

Sensing systems for specialty crops for precision agriculture, farm automation, Global Positioning System GPS, geographic information systems GIS, near-infrared spectroscopy NIRS, yield monitoring/mapping, variable rate fertilizer application, instrumentation, machinery, and agricultural mechanization

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University of Bonn Agricultural Faculty, Bonn, Germany

Molecular Markers

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The University of Georgia Athens, College of Engineering, Athens, Georgia

Machine vision, Hyperspectral imaging, 3D imaging, High throughput phenotyping, Sensors, UAV, Robotics

## Professor Jonathan Li, PhD

University of Waterloo Department of Geography and Environmental Management, Waterloo, Ontario, Canada

Photogrammetry and remote sensing, Geospatial data science, Applied earth observation, LiDAR point cloud analytics, Mobile mapping, GeoAI

## Professor Minzan Li, PhD

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Fertigation, plant nutrition, agriculture, soil management, soil and crop sensing for precision crop production

## Assoc. Professor Zhenbo Li, PhD

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Computer vision, Intelligent agriculture, Image processing, Computer graphics, Virtual reality and human-computer interaction

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City University of Hong Kong, Hong Kong, China

Wireless sensor networks and Internet of Things (IoT) Mobile Edge Computing (MEC) and cloud computing Software Defined Networking (SDN) and Network Function Virtualization (NFV) Approximation and online algorithms Design and analysis of parallel and distributed algorithms Social networks and graph databases, Wireless sensor networks and Internet of Things (IoT), Mobile Edge Computing (MEC) and cloud computing, Approximation and online algorithms, Software Defined Networking (SDN) and Network Function Virtualization (NFV), Graph theory

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Artificial intelligence, Big data, Intelligent information processing, Intelligent agriculture, Blockchain

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United States Department of Agriculture, New Orleans, Mississippi, United States

Study on Near Infrared Spectroscopy, Cotton Structure and Quality

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Mississippi State University Department of Agricultural and Biological Engineering, Mississippi State, Mississippi, United States of America

Innovation on water-energy-food-nexus

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Chinese Academy of Agricultural Sciences Agricultural Genomics Institute at Shenzhen, Shenzhen, Guangdong, China

Agricultural Gene Research

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Fraunhofer Society for the Advancement of Applied Research, Ilmenau, Germany

Recirculating Aquaculture Systems

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Frontiers in Control Engineering, ,

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System technology, Operations management involving operations analyses, and modelling optimisation and evaluation of production systems and decision support related to operations

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Machine Learning, IT Security, Computational Intelligence

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Cooling and drying, Food quality and safety, Bioprocess simulation, Computer vision, Hyperspectral imaging

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Sensing and Control Sensor Network Precision Agriculture, ,

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Oklahoma State University Biosystems and Agriculture Engineering, Stillwater, Oklahoma, United States

Rural resilience and sustainability sensors, Food and crop processing

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Remote sensing, imaging science, GIS, urban ecological and environmental systems, land-use and land-cover changes, environmental modeling

## Professor Hong-Wei Xiao, PhD

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Agricultural mechanization, agricultural robotics, agricultural cybernetics

**Dr. Zhao Zhang, PhD**

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Agricultural intelligent mechanization

**Professor Chun-Jiang Zhao, PhD**

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Agricultural robots, Auto-pilot tractors, High-throughput phenotyping techniques, Remote sensing, Data mining, Information systems