Message from the Guest Editors

Dear Colleagues,

Agriculture is one of the oldest and most important industries human civilization has ever established. Continuing advancement in agricultural mechanization and automation technologies has led the agriculture into an era of robotic farming era. The objective of this Special Issue is to promote a deeper understanding of major conceptual and technical challenges and facilitate spreading of recent breakthroughs in agricultural robotics. Topics of interest include (but are not limited to):

- Sensing technologies for situation awareness in agricultural applications
- Control strategies for robot manipulation in agricultural applications
- Automatic guidance of robotic vehicle in agriculture sites
- UASs/drones in agriculture
- Robotics for crop production
- Robotics for greenhouse and vertical farming systems
- Machine learning and arterial intelligence in agriculture

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Guest Editors

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