A review of the Brazilian agricultural practices: challenges and opportunities for ag robotics

Abstract:
Agriculture is an important industry in Brazil, responsible for 30% of the country’s GDP. Major crops include soy, corn and sugar cane. Like other countries around the world, the Brazilian agriculture faces challenges associated with labor availability and introduction of new technologies in the field. In this talk we will present an overview of the agricultural sector in Brazil and opportunities in mechanization and automation. We will also present our company’s approach to automation, especially in the area of spraying, and our partnership with a local technical university to graduate the ag engineers and technicians needed to advance the industry.

Speaker Bio:
Cristiano Pontelli is the leading researcher at the Jacto group, responsible for innovative machinery development. Tiago Goulart is a lecturer at FATEC and is involved with business development at the Jacto Group. Hannes Fischer has a PhD in physics, technology scout and lecturer at FATEC.