

THE SUSTAINABLE, CONNECTED AND
INNOVATIVE ROAD TO 2030 #ADW2020

FIRST TUESDAYS

INDIANA AUTONOMOUS DAY 2020

MARCH • 03 • 2020

WESTGATE ACADEMY • 9AM - 6PM

HOSTED BY



PURDUE@WESTGATE



PURDUE
FOUNDRY



IUPUI



Indiana State
University



SEMIRING



Streamline
DESIGNS

Smithville fiber
THE GIGACITY COMPANY



HARVEST CROO
ROBOTICS

McGovic
OUTDOOR POWER

RSVP: WWW.WESTGATE-ACADEMY.COM/EVENT

AGENDA

#ADW2020

9:00 AM – 9:30 AM

REGISTRATION, BREAKFAST AND NETWORKING

9:30 AM – 10:00 AM

WELCOME AND OPENING REMARKS

Matt Peak, Managing Director, ESN

10:00 AM – 11:00 AM

PANEL - AUTONOMOUS SYSTEMS AND INDIANA IMPACT

- Matt Peak, Managing Director, ESN (Moderator)
- Ethan Seifer, Assistant Chief Engineer - Vehicle Integration Electronics at Cummins Inc.
- Mike King, President, Data Analytics Solutions at LHP Engineering Solutions
- Robert Pitzer, CTO, Harvest CROO
- James Goppert, CEO, JMG Robotics; Co-Founder, DroneCrew
- [TBD] NSWC Crane Rep., Workforce Development and Education

11:00 AM – 12:30 PM

Lunch Break / Startups Technology Showcase & Tech Demo / Battery Innovation Center Open House & Lab Tour Registration / Tesla Test Drive Registration

Featured Startups:

- **Aerotronic** - AI powered helicopter patrols
- **Autonomous & Intelligent Multi-agent Systems (AIMS) Lab** @Purdue Univ.
- **IoT Collaboratory Lab** @IUPUI
- **Indiana State Univ.** - UAV projects
- **Semiring** - Artificial Intelligence & Natural Language Processing Service,
- **RingCo** - Tracked Utility Carrier (TUC)

12:30 PM – 1:30 PM

TECH TALK PRESENTATIONS

- Bridging the Agricultural Specialty Gap: Now and the Future by Robert Pitzer, CTO at Harvest CROO
- Autonomous Applications at Purdue Indianapolis IoT Collaboratory by Mohamed El-Sharkawy, Professor and Director of IoT Collaboratory at IUPUI
- Control and Learning for Connected Autonomy by Shaoshuai Mou, Asst. Professor at Purdue University
- Autonomy in Drones & Aviation by Adam Morrison, CEO, Streamline Designs
- [Topic TBA] David Glass, CEO, LHP Engineering Solutions

1:30 PM – 4:30 PM

BIC OPEN HOUSE & TECH DEMOS

- Battery Innovation Center Open House & Lab Tour (1:45-3:45pm), Electric shuttle buses will be provided by McGavic Outdoor Power
- Tesla Test Drive/Ride-along: Autopilot and Full Self-Driving Capability Features: Navigate on Autopilot; Auto Lane Change; Summon; Autopark and more.
- Drone Races & Ag Drone Demos by Indiana State University
- Prototype of Semi-Autonomous Towing Vehicles presented by LHP Engineering Solutions
- Driverless Tractor Demo by Laird Farms
- Tracked Utility Carrier (TUC): Autonomous and Remote Control-capable Vehicle Demo by RingCo
- Autonomous Brine Vehicle (de-icing capabilities) presented by McGavic Outdoor Power

4:30 PM – 6:00 PM

CLOSING REMARKS & NETWORKING

Networking refreshments - Spirited Entrepreneur networking with food & drinks.

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