

# PRECISE

## Industry Day 2019

25 October (Friday)  
8 am to 8 pm (Eastern)

The Future of Safe Autonomy

### **What's new @ Penn?**

PRECISE's technical charter and research roadmap to reach **Level 4+ Autonomy**

- Current Machine Learning Capabilities on **Safe Autonomy**
- Future Direction on **Safe Autonomy** – moving into the unknown

How is autonomy be used in your product(s)? What challenges are you facing?

What is your approach to assuring autonomous systems are safe? What could be improved about this process?

What future ways can safe autonomy affect your business?

What are the things you prioritize/de-prioritize when building an algorithm for safe autonomy?

How do you build social costs into algorithms?

How do we avoid bias?

Do we have enough data for our training sets?

How much R&D are we investing on AI/ML?