

ADSA23

What Did We Hear and Not Hear?

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ADSA 23

May 2021

ADSA23 – What Did We Hear?

- Autonomous have multiple meanings including automated systems using AI/ML and granting authority to stakeholders (TSOs, passengers, vendors, airlines).
- AI/ML powerful, but bias is concern along with civil liberties, brittleness, testing, false negatives, false positives, and permissible features.
 - Extract best practices from other fields (e.g., Radiology: screening v. diagnostic, confidence, prevalence scaling, FDA approval, radiologist training, similarity of people, ground truthing)
- TSO involvement could be beneficial (e.g., for risk assessment and vigilance decrement); again, bias is concern.
- Heathrow's networking initiative is compelling; may help enable open standards and networking.
- Compelling emerging technologies, systems and methods.
- New CONOPS such as curb to gate.
- More involvement from FBI and other intelligence? Hard to do in an open forum
- Virtual workshops: increased participation but missing hallway discussions.
- ADSA24: Advancing Partnerships for Enhanced Security

What Did We Not Hear?

- Enough discussion of concepts of operation (passenger flow)
- Testing systems that evolve (or, frankly, anything with temporal change, which is a big deal in ML)
- Exception handling