SCIENCE
PASSION
TECHNOLOGY

Trusted AI at TU Graz

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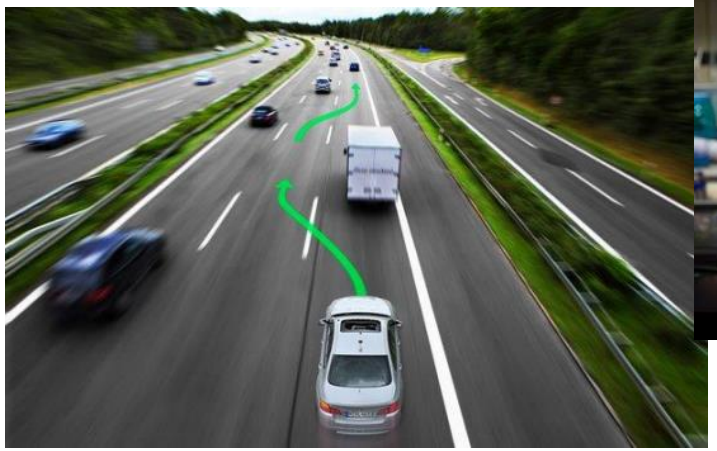
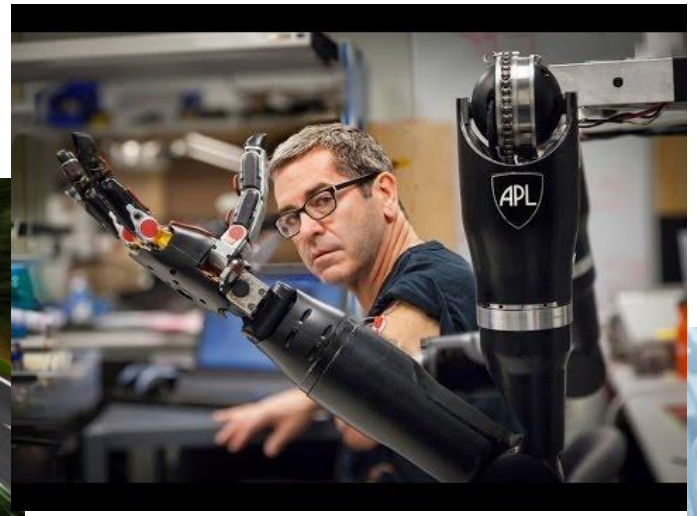
Design Turstworthy AI-based Systems

Safety | Explainability | Accountability | Fairness

Robustness | Sustainability | Security | Privacy





https://digital-strategy.ec.europa.eu/en/library/ethics-guidelines-trustworthy-ai

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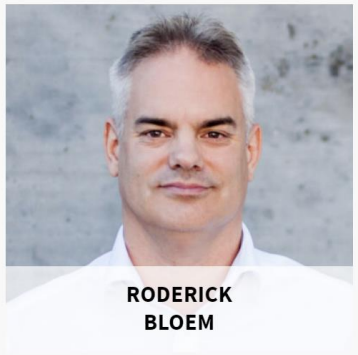
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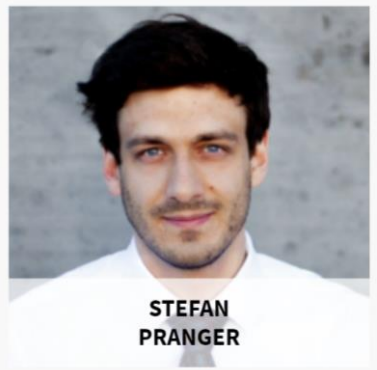
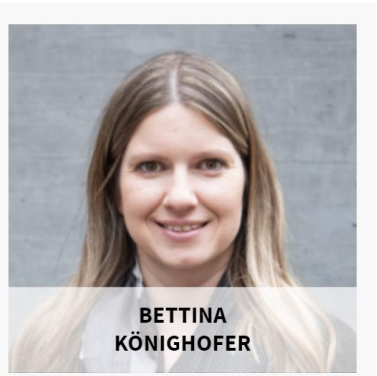
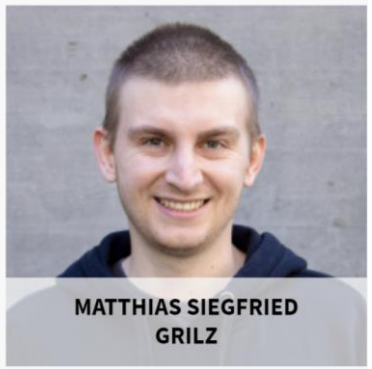
Safety | Explainability | Accountability | Fairness | Robustness

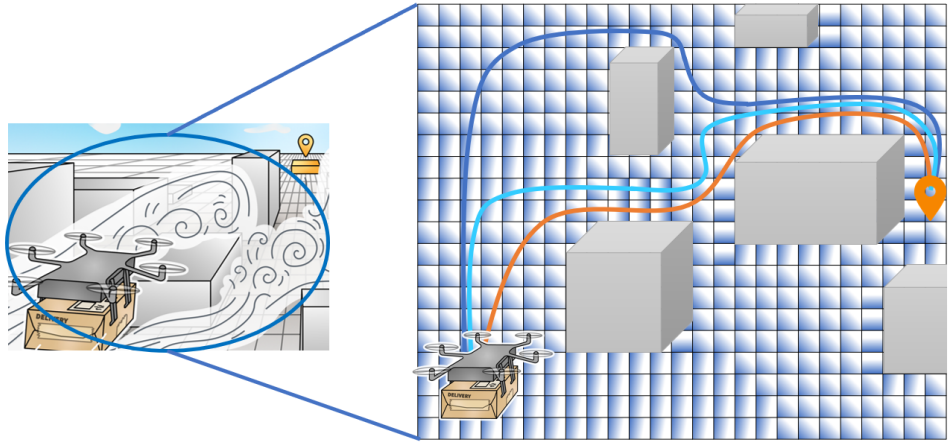


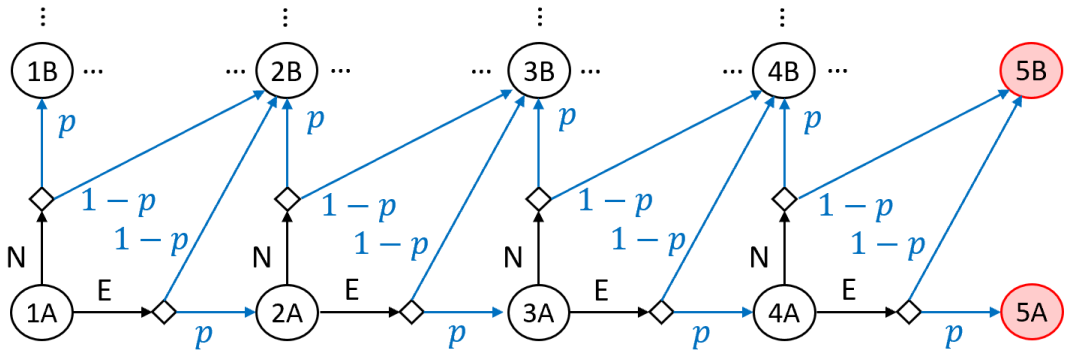




Combine Symbolic AI with Data-Driven AI

Model system behaviour





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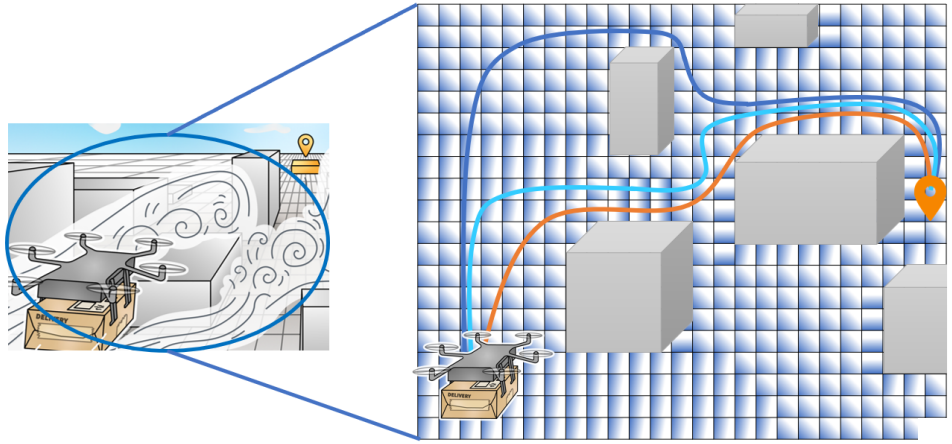
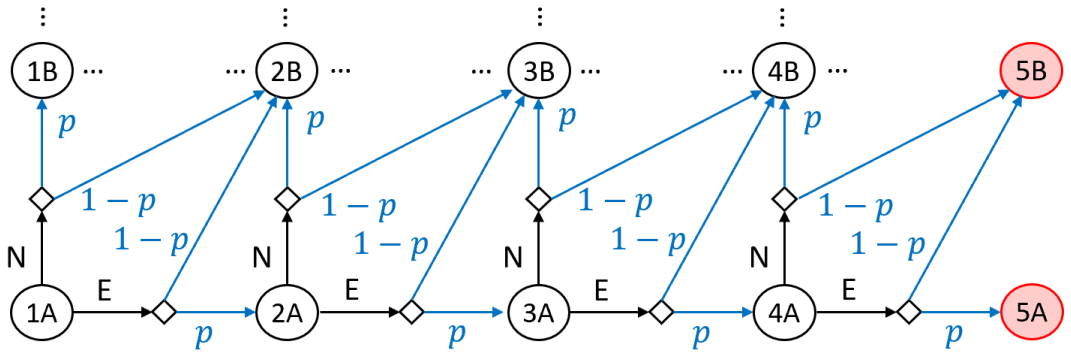
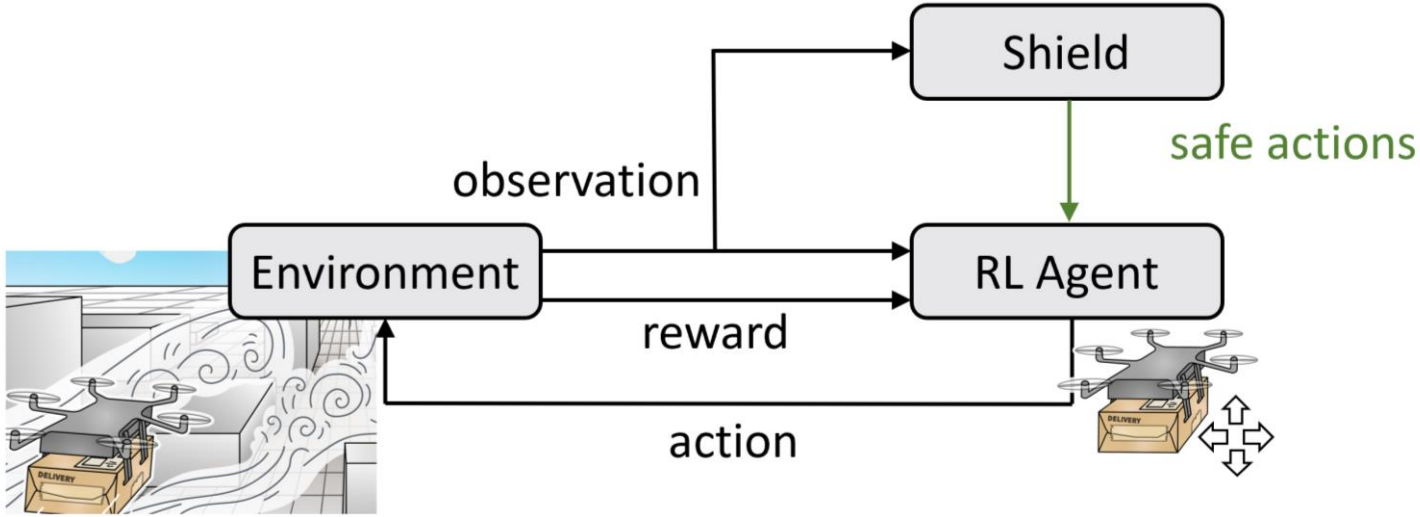




Use model

- Testing, Verification
- Enforcing Safety
- Monitoring Fairness
- Explainabiltiy
- Risk Analysis…



Thank you!

Contact me for collaborations

- Joint project proposals
- Fair and correct decision making
- Fundamental research / industrial applications

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