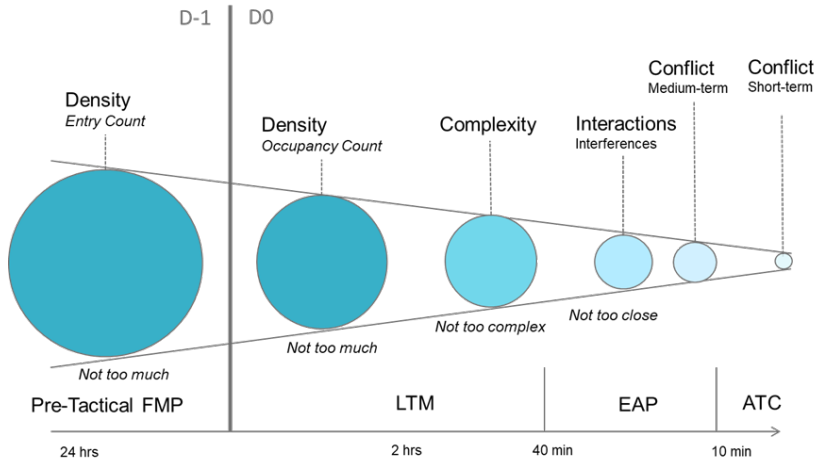


Interaction Modeling and Mitigation by Artificial Intelligence Approach*



*Loïc Shi-Garrier (ENAC-OPTIM)
Advisors: Daniel Delahaye (ENAC-OPTIM), Nidhal C. Bouaynaya (Rowan University)

Objectives

- ▶ Machine learning to predict airspace complexity
- ▶ Optimization methods to mitigate the complexity

Results

- ▶ "Predicting Air Traffic Congested Areas with Long Short-Term Memory Networks."
Fourteenth USA/Europe Air Traffic Management Research and Development Seminar. 2021.