

# **Research plan**

**Keep your enemies closer and be loud about it**



Martin Toman

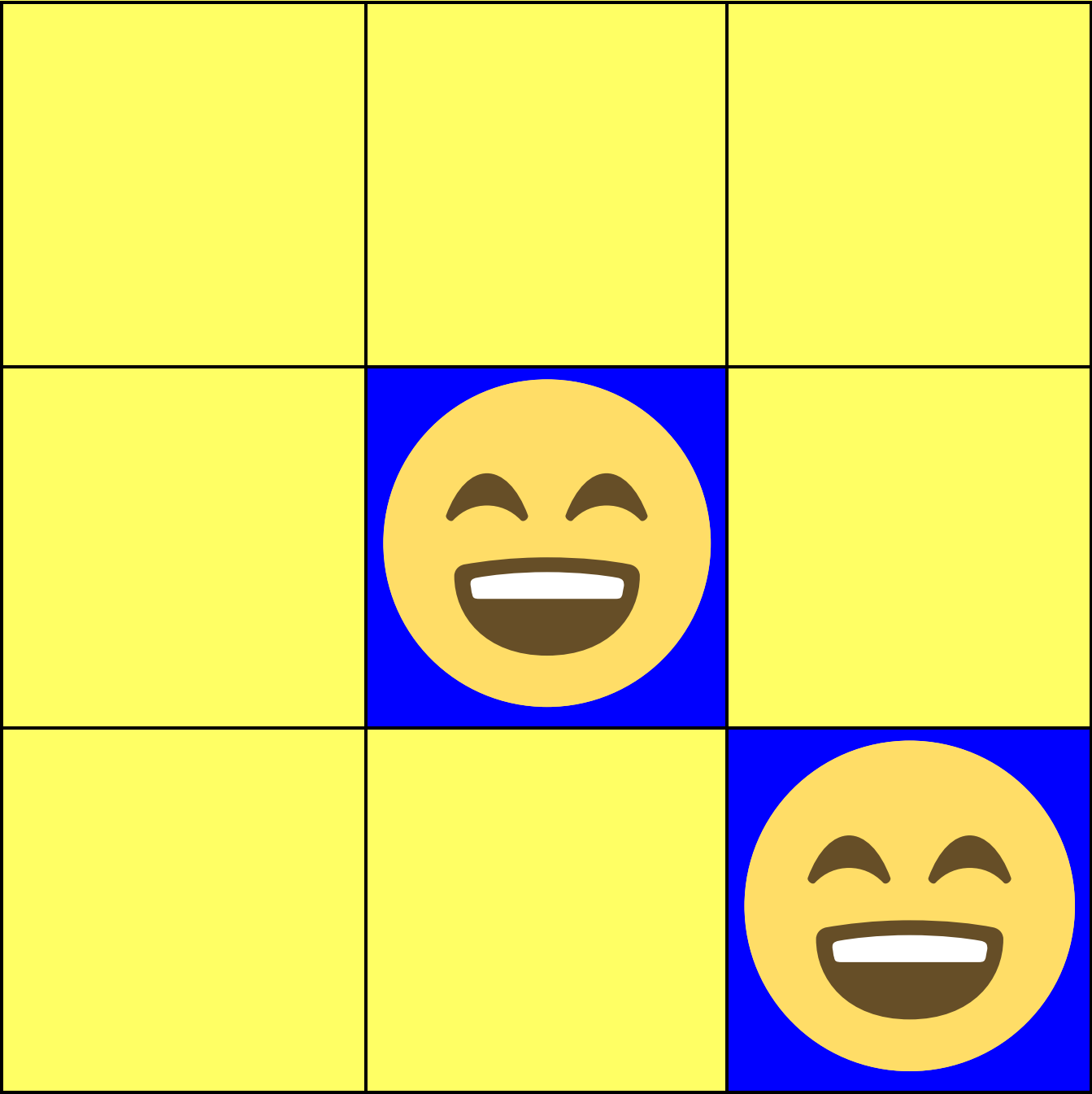
# Question

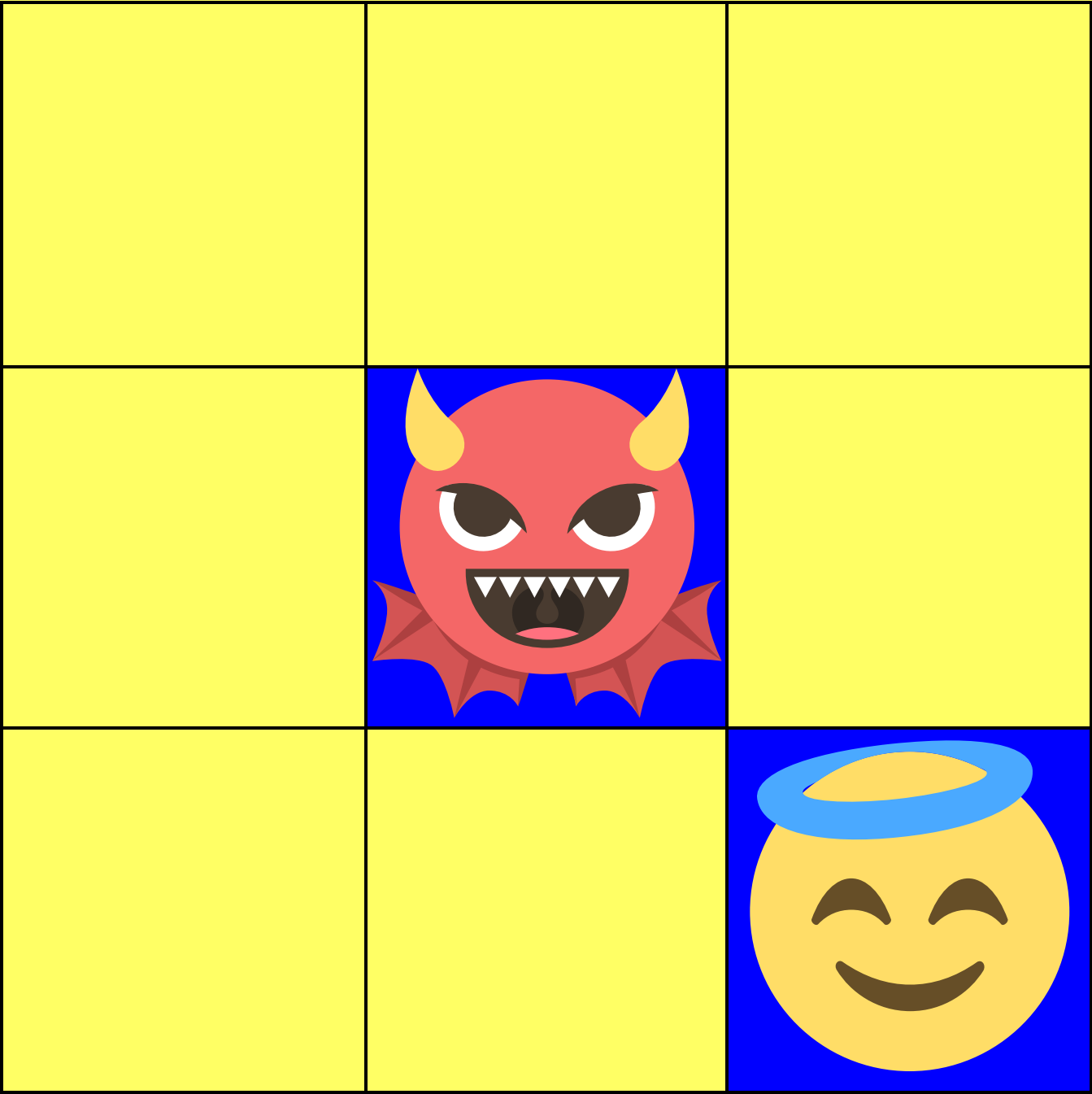
Can local reputation in spatial prisoner's dilemma enforce cooperation?

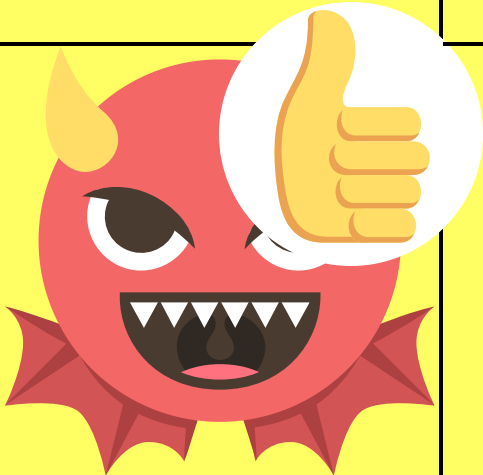

# Question

Can **local reputation** in spatial prisoner's dilemma enforce cooperation?

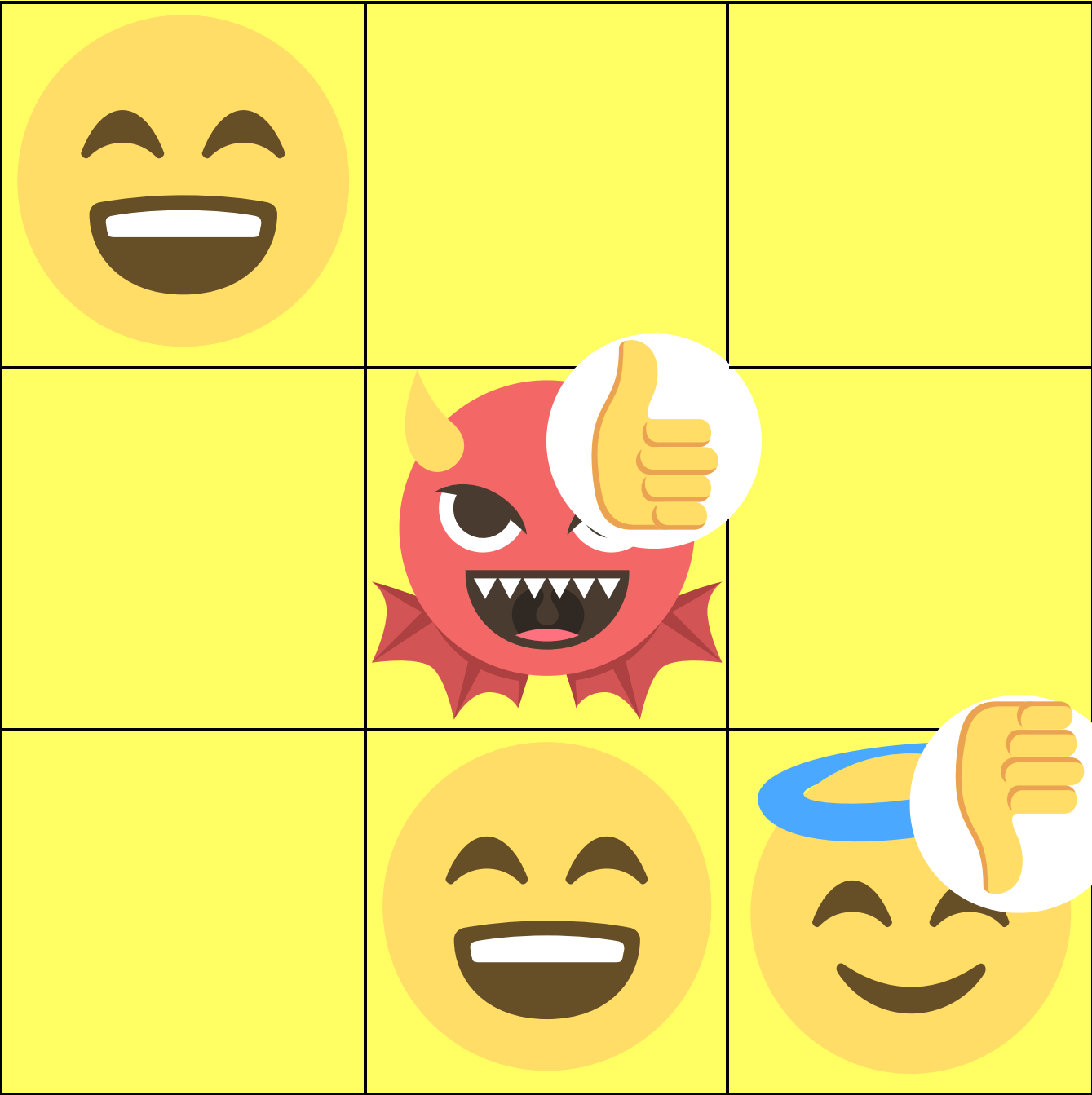

		
		

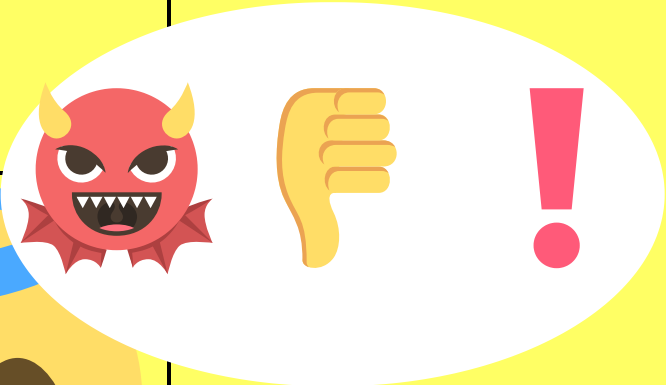
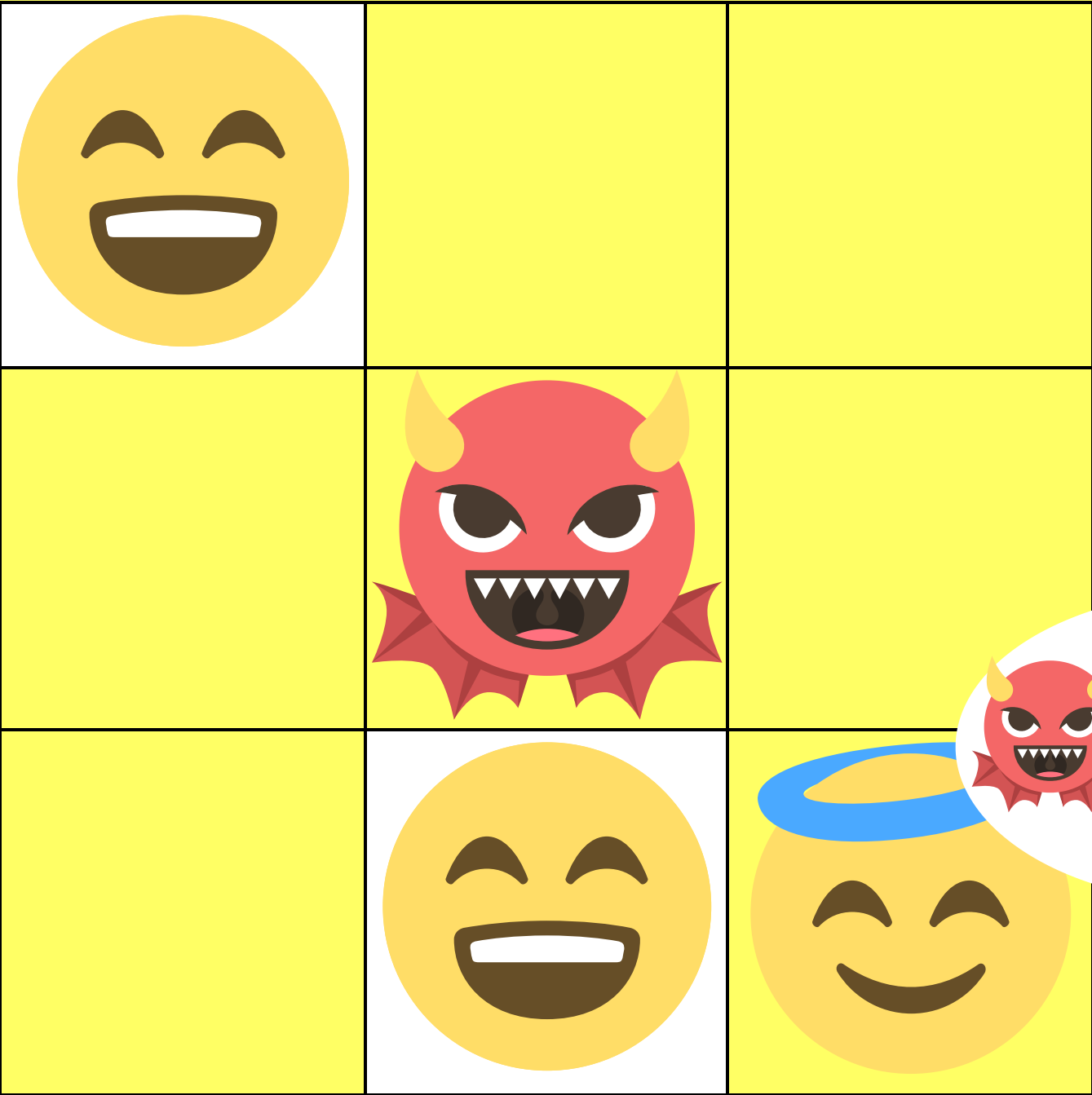


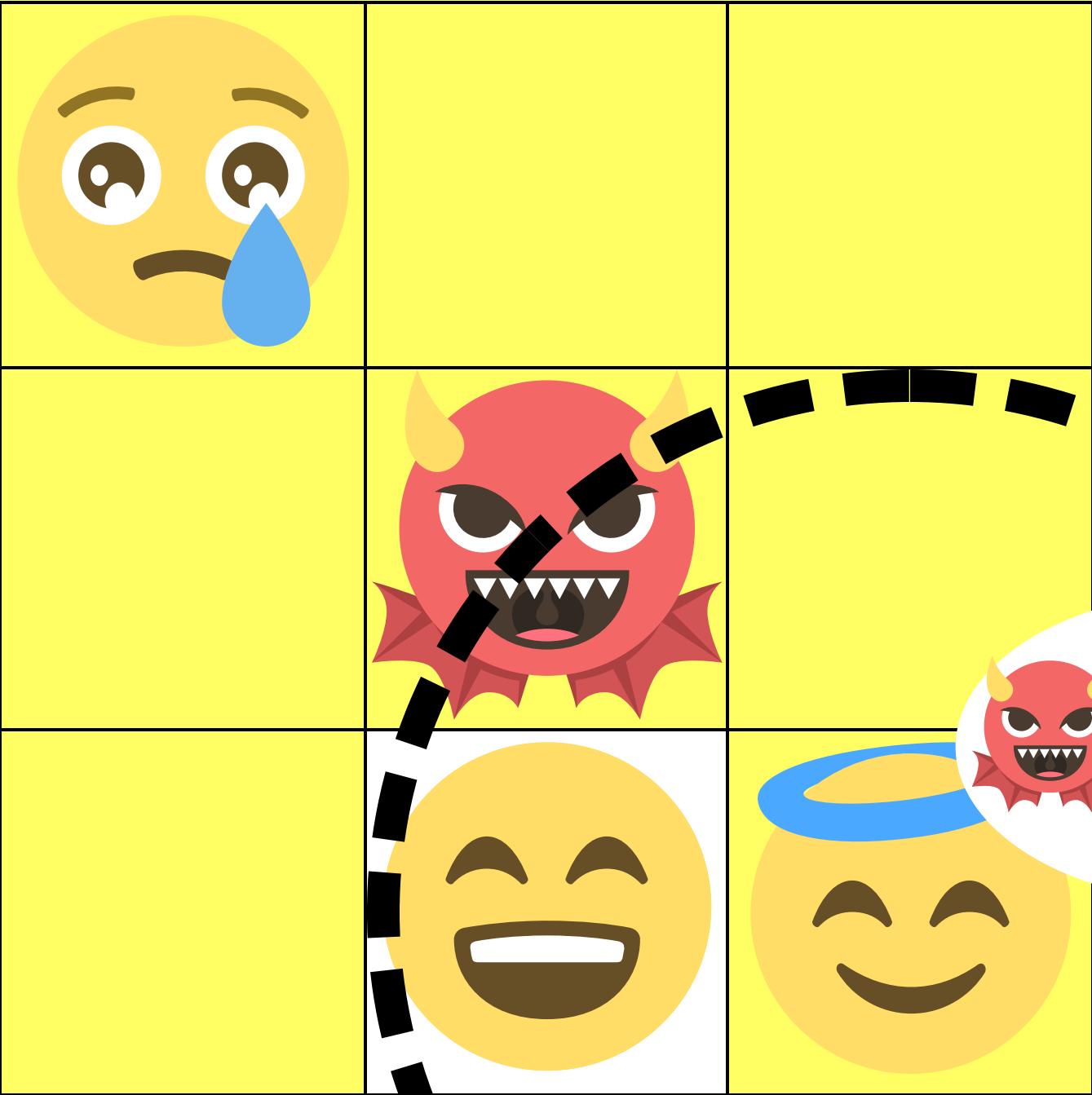


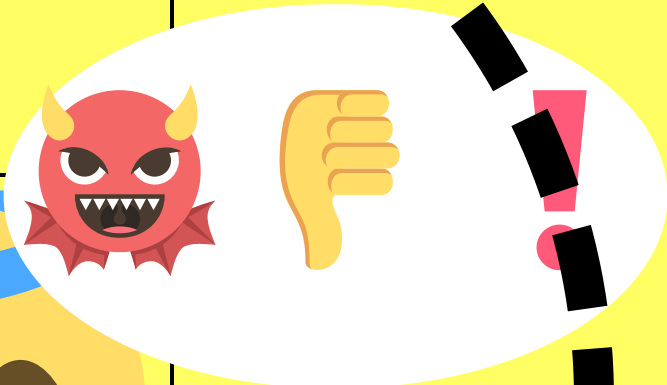
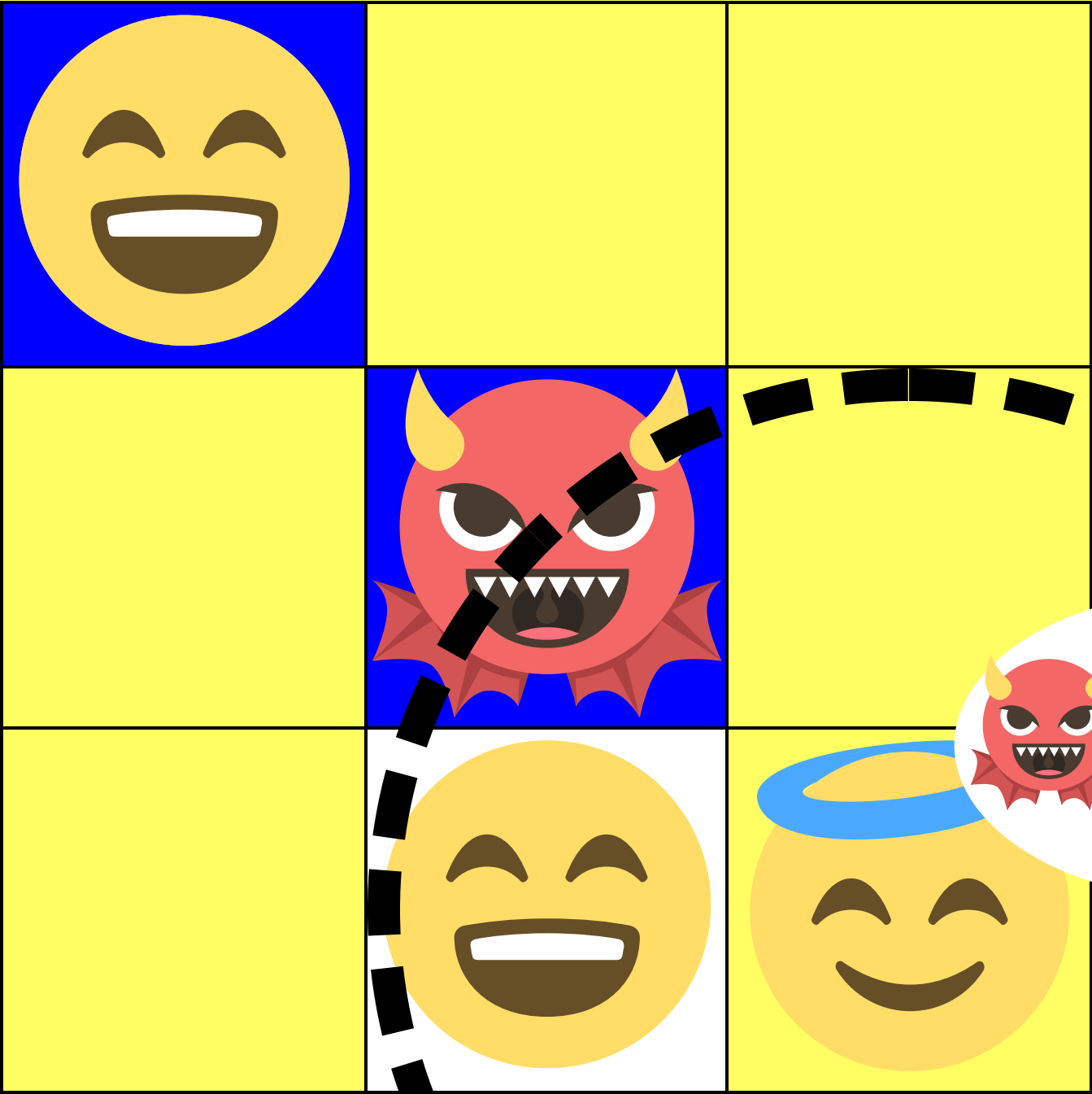
		
		











# Research goals

1. Can we enforce cooperation?
2. What is the optimal gossip range?
3. How to combine own observations with gossip?
4. What if agents have limited memory?

Can **local reputation** in spatial prisoner's dilemma enforce cooperation?