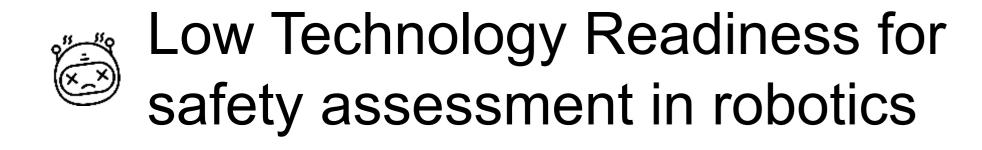
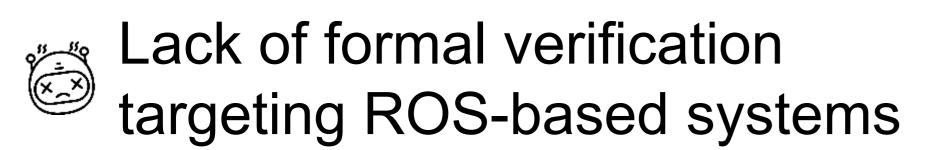


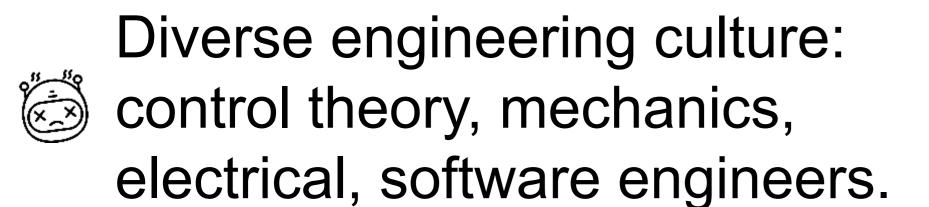


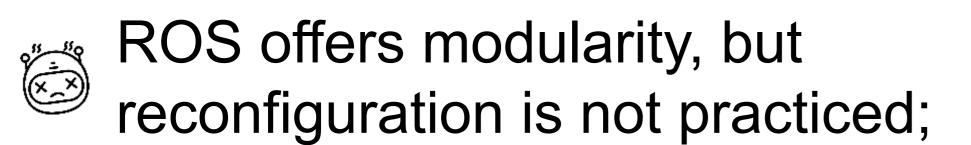
... but they can't!

WHY CAN'T THEY?









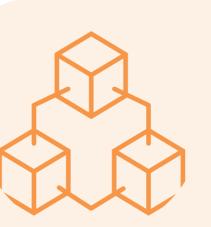


HOW TO CHANGE THIS SITUATION?! (clickable!)



ARCHITECT

DESIGNING FOR **OBSERVABILITY**, **MODIFIABILITY** AND **SEAMLESS INTEGRATION** OF INDEPENDENTLY DEVELOPED COMPONENTS [1]



ADAPT

TAMING UNCERTAINTY:
A **GOAL-ORIENTED** APPROACH [2]

COMBINING
CONTROL THEORY AND
ARTIFICIAL INTELLIGENCE [3]



VERIFY

MAPPING PROPERTIES FROM CONTROL THEORY AND SOFTWARE ENGINEERING [4]

COMBINING
OFFLINE MODEL CHECKING
AND ONLINE DATA MINING [5]



VALIDATE

MODELLING ADVERSARIAL ROBOTS WITH **BEHAVIOR TREES** FOR **SCENARIO-BASED TESTING** [6]

INVESTIGATORS



R. CALDAS

P.PELLICCIONE



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- [5]. Rodrigues, A., et al. "A learning approach to enhance assurances for real-time self-adaptive systems." IEEE/ACM SEAMS, 2018.
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RICARDO.CALDAS@CHALMERS.SE



