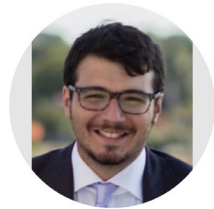


Summary from last year



Summary from last year

Explanations should be formal

Explanations relate to an offline verification procedure



Explanations should be human friendly
Explanations relate to an offline verification procedure

Explanations should be formal
Explanations relate to an offline verification procedure

Be smart about how to create the certificate q-PDA

An explanation is a certificate

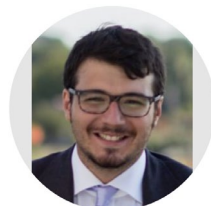
An explanation is a deductive proof (machine checkable)



ECRTS'23
ERSA'22

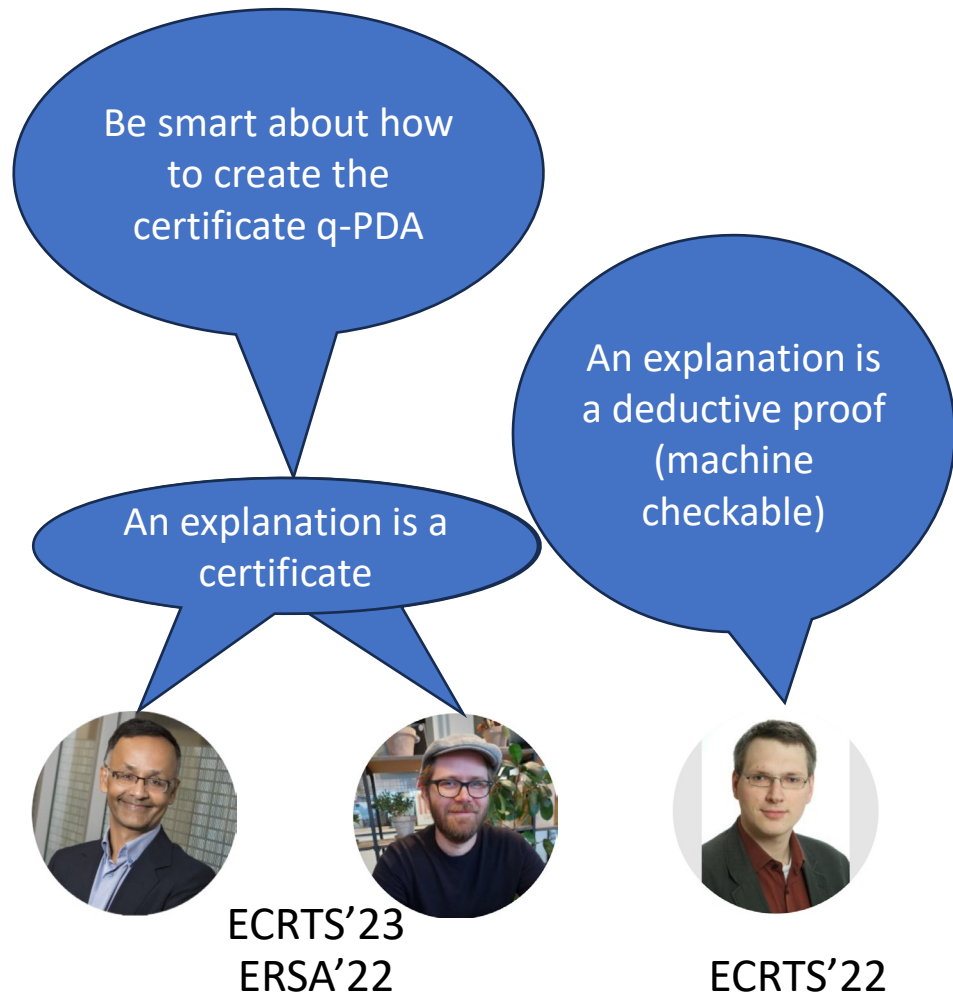
ECRTS'22

Summary from last year

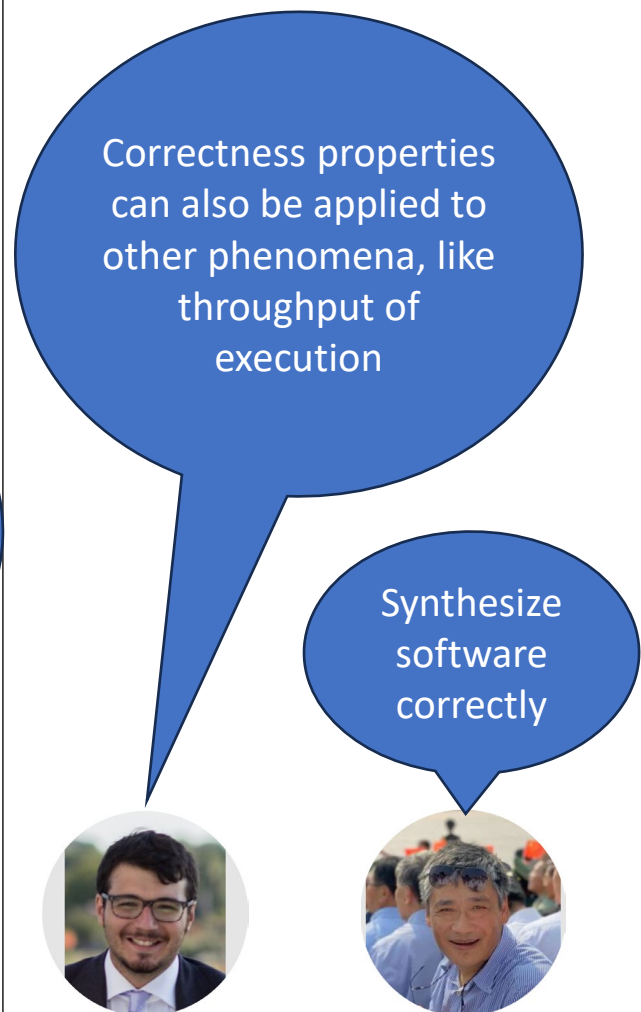


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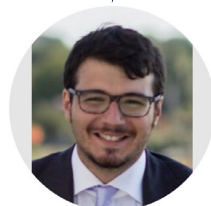
ECRTS'23
ERSA'22



ECRTS'22

Correctness properties can also be applied to other phenomena, like throughput of execution

Synthesize software correctly



Explanations should be human friendly

Explanations relate to an offline verification procedure

Explanations can include architectural elements

Interpreting counterexamples in CBMC is a challenge

An explanation should convey deep thought by an expert in a language accessible to a non-expert



ERSA'22

ERSA'22

ERSA'22