

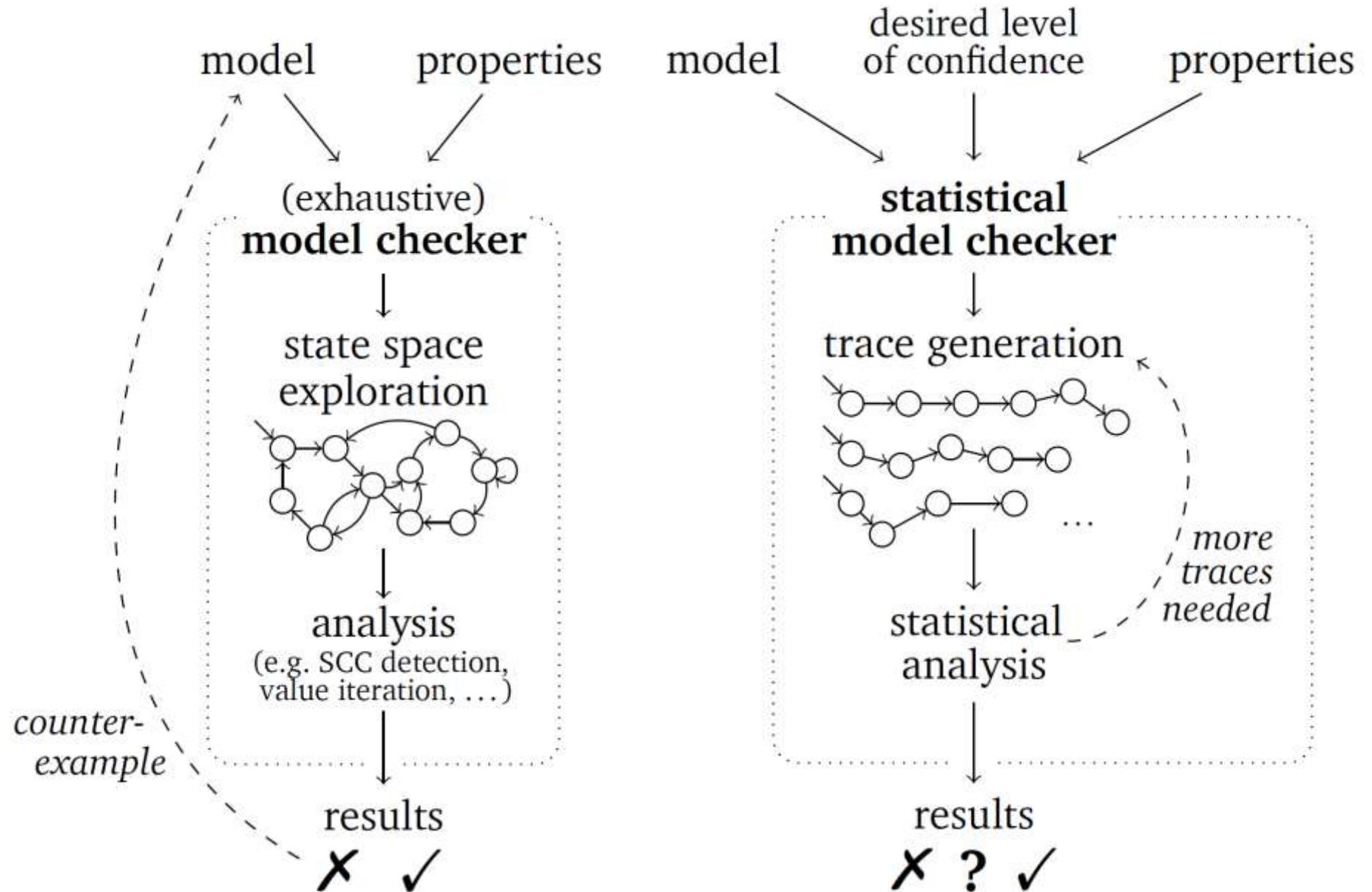
# Formal Approaches to Decision-Making under Uncertainty

Lecture 4-2: Anatomy of a Modest Checker

**Arnd Hartmanns**  
Formal Methods and Tools  
**UNIVERSITY OF TWENTE**

# Architecture of the Modest Toolset

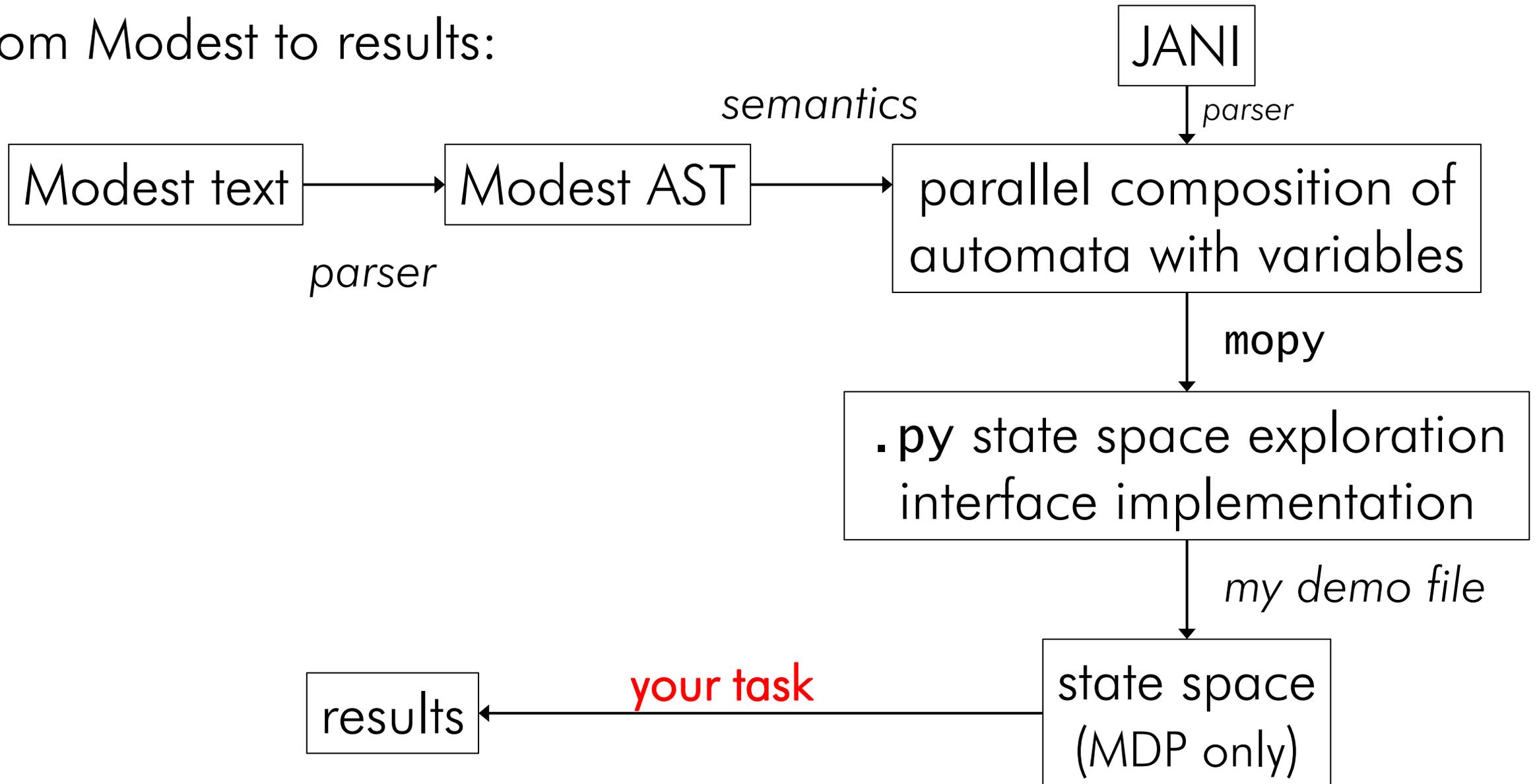
PMC and SMC:





# Architecture of the Modest Toolset

From Modest to results:



# Homework

Third step to pass this course:

Finish your model checker implementation,  
summarise its abilities and parameters in a short text file,  
and send everything to Arnd by email:

`file checker.modest,`

`file checker-readme.txt`

*Try to get as far as you can.*

*Deadline for everything: 31 March 2023*

`a.hartmanns@utwente.nl`