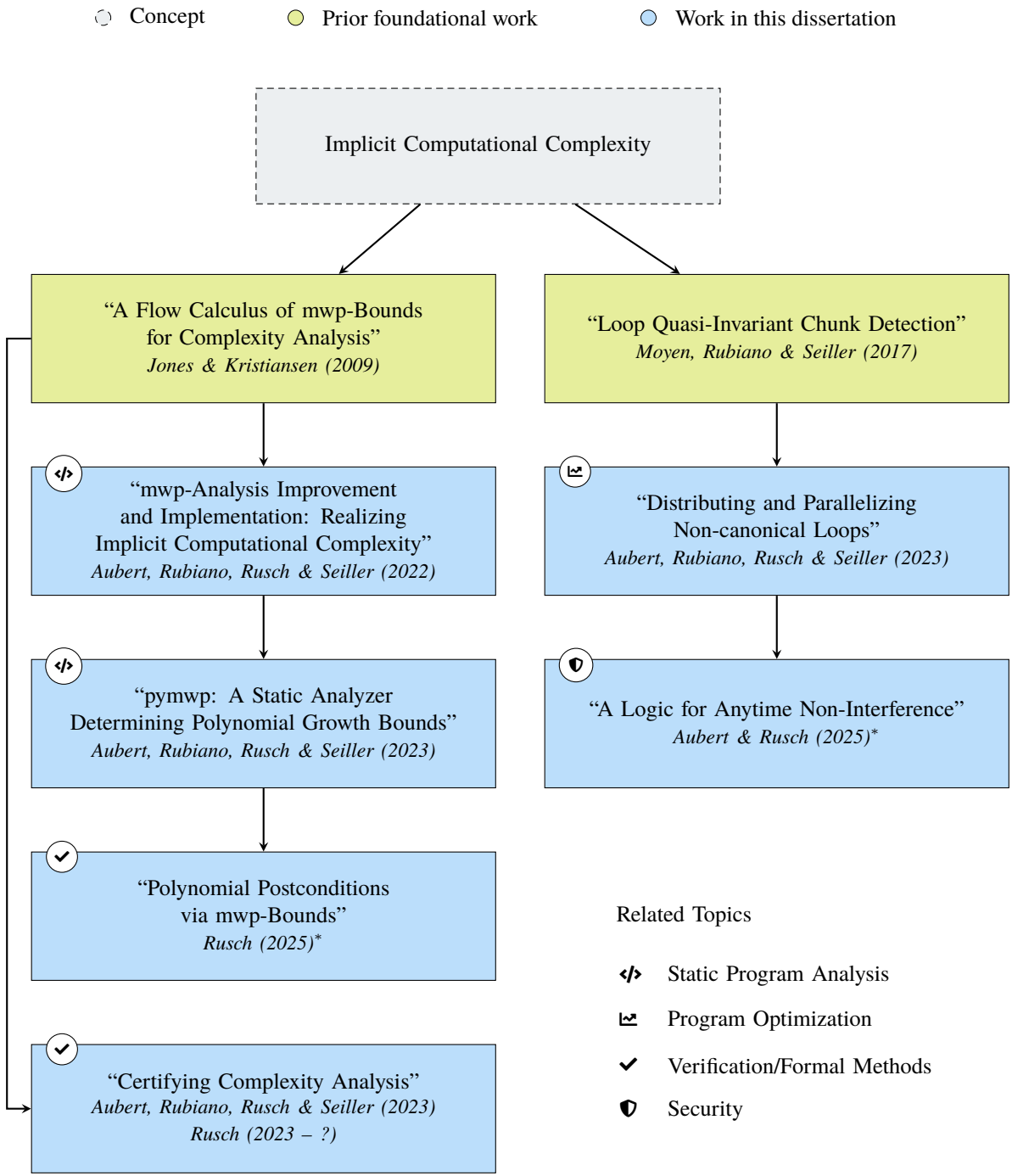
Concept
Prior foundational work
Work in this dissertation
Implicit Computational Complexity
"A Flow Calculus of mwp-Bounds for Complexity Analysis"
Jones & Kristiansen (2009)
"Loop Quasi-Invariant Chunk Detection"
Moyen, Rubiano & Seiller (2017)
"mwp-Analysis Improvement and Implementation: Realizing Implicit Computational Complexity"
Aubert, Rubiano, Rusch & Seiller (2022)
"Distributing and Parallelizing Non-canonical Loops"
Aubert, Rubiano, Rusch & Seiller (2023)
"pymwp: A Static Analyzer Determining Polynomial Growth Bounds"
Aubert, Rubiano, Rusch & Seiller (2023)
"A Logic for Anytime Non-Interference"
Aubert & Rusch (2025)*
"Polynomial Postconditions via mwp-Bounds"
Rusch (2025)*
"Certifying Complexity Analysis"
Aubert, Rubiano, Rusch & Seiller (2023)
Rusch (2023 – ?)
Related Topics
Static Program Analysis
Program Optimization
Verification/Formal Methods
Security