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Event-based Simulation for Transient Systems with Capture Replay to Predict Self-Adaptive Systems

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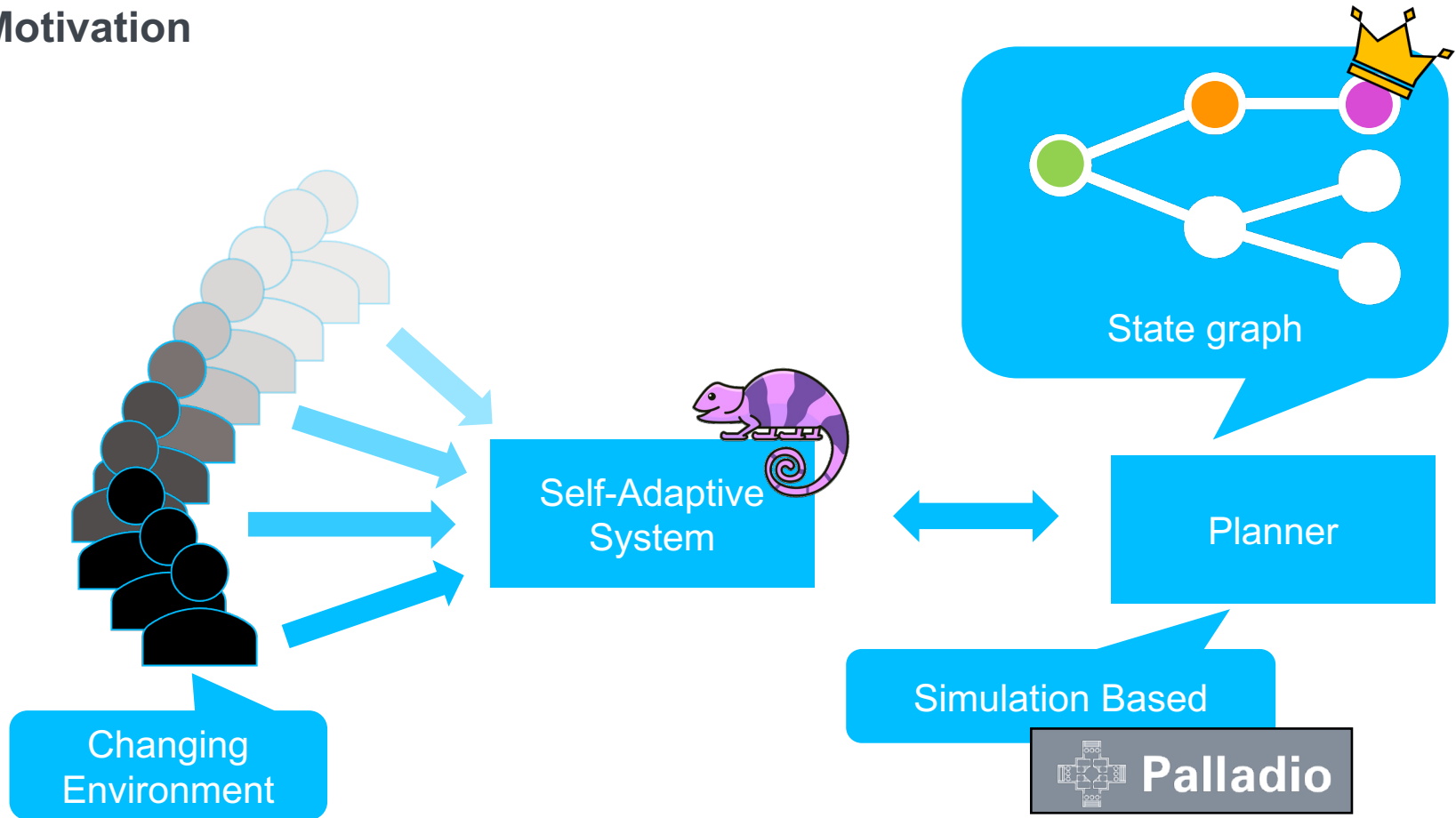


Software Engineering
Programming Languages

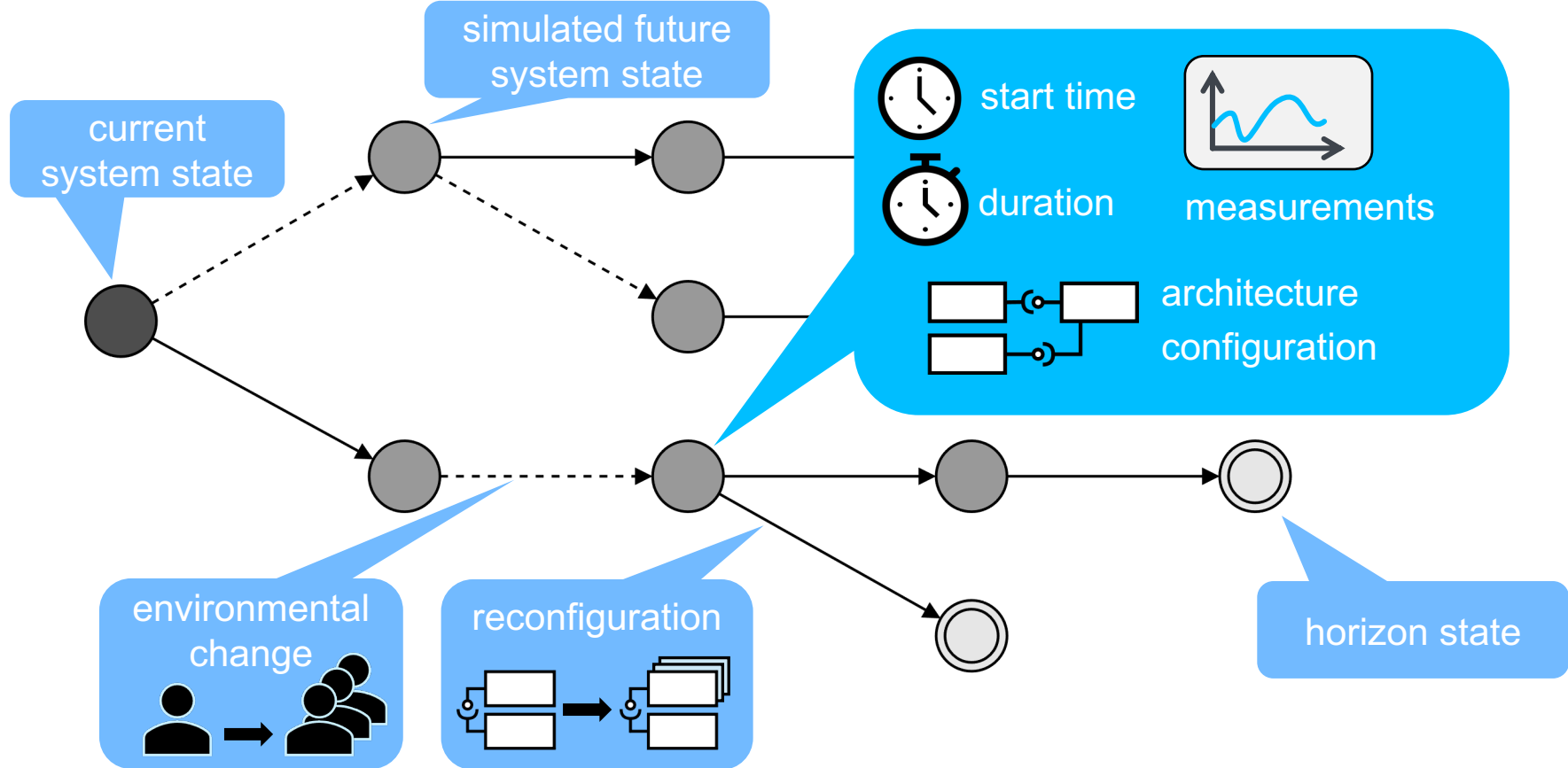


Software Quality and Architecture Group

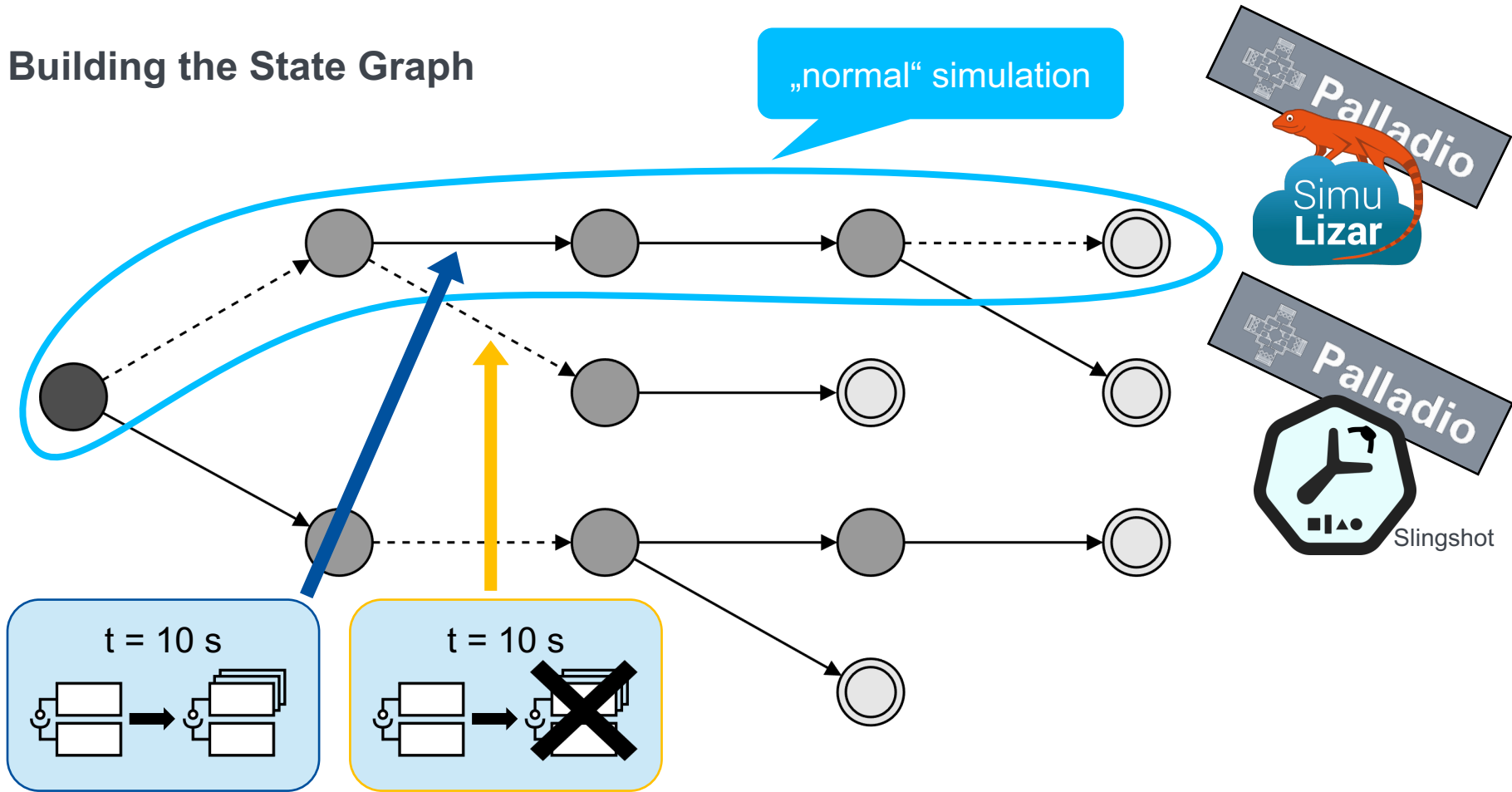
Motivation



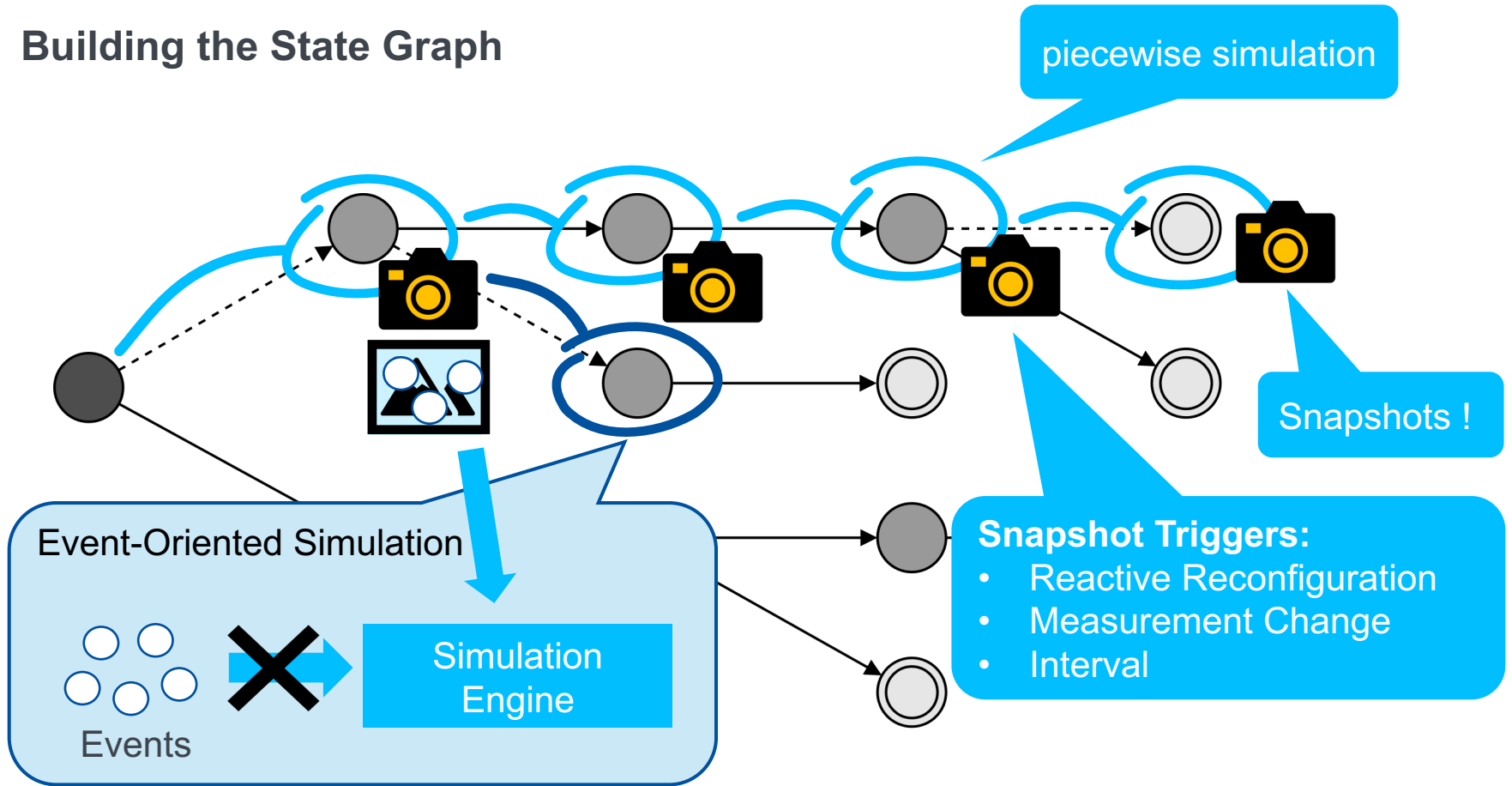
Self-Adaptive System State Graph



Building the State Graph



Building the State Graph



Summary

TODO



Self-Adaptive System

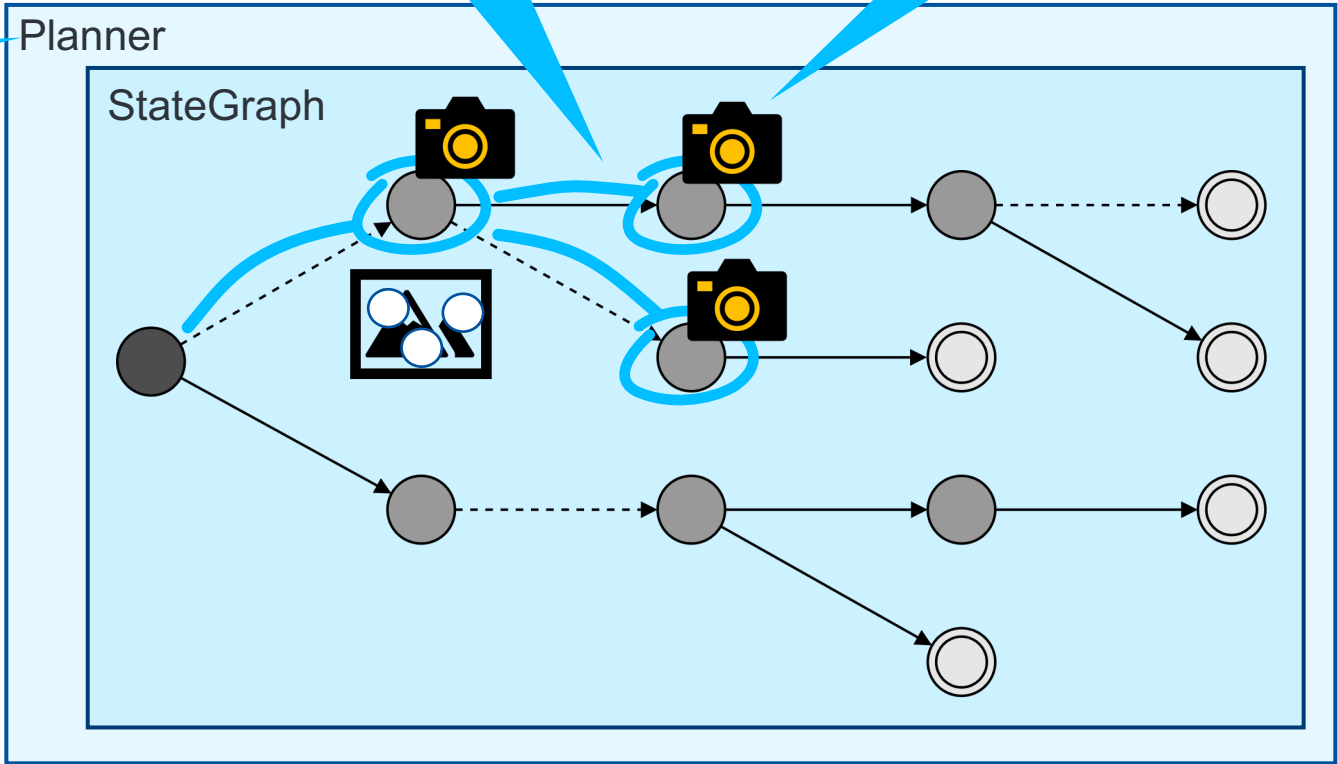


Image Sources

- Simulizar logo: <https://sdq.kastel.kit.edu/mediawiki-sdq-extern/images/a/a2/SimuLizarLogo.png>
- Slingshot logo: <https://palladiosimulator.github.io/Palladio-Documentation-Slingshot/images/logo.png>
- Palladio logo: https://www.palladio-simulator.com/fileadmin/templates/palladio-simulator/palladio_logo.png