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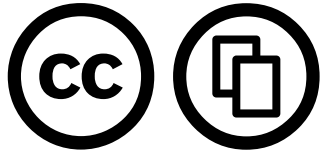
Project Idea:
**Rapid and Continuous
Development of
IoT Systems**

Prof. Dr. Stefan Wagner
@prof_wagnerst

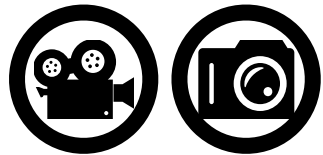


20. November 2014

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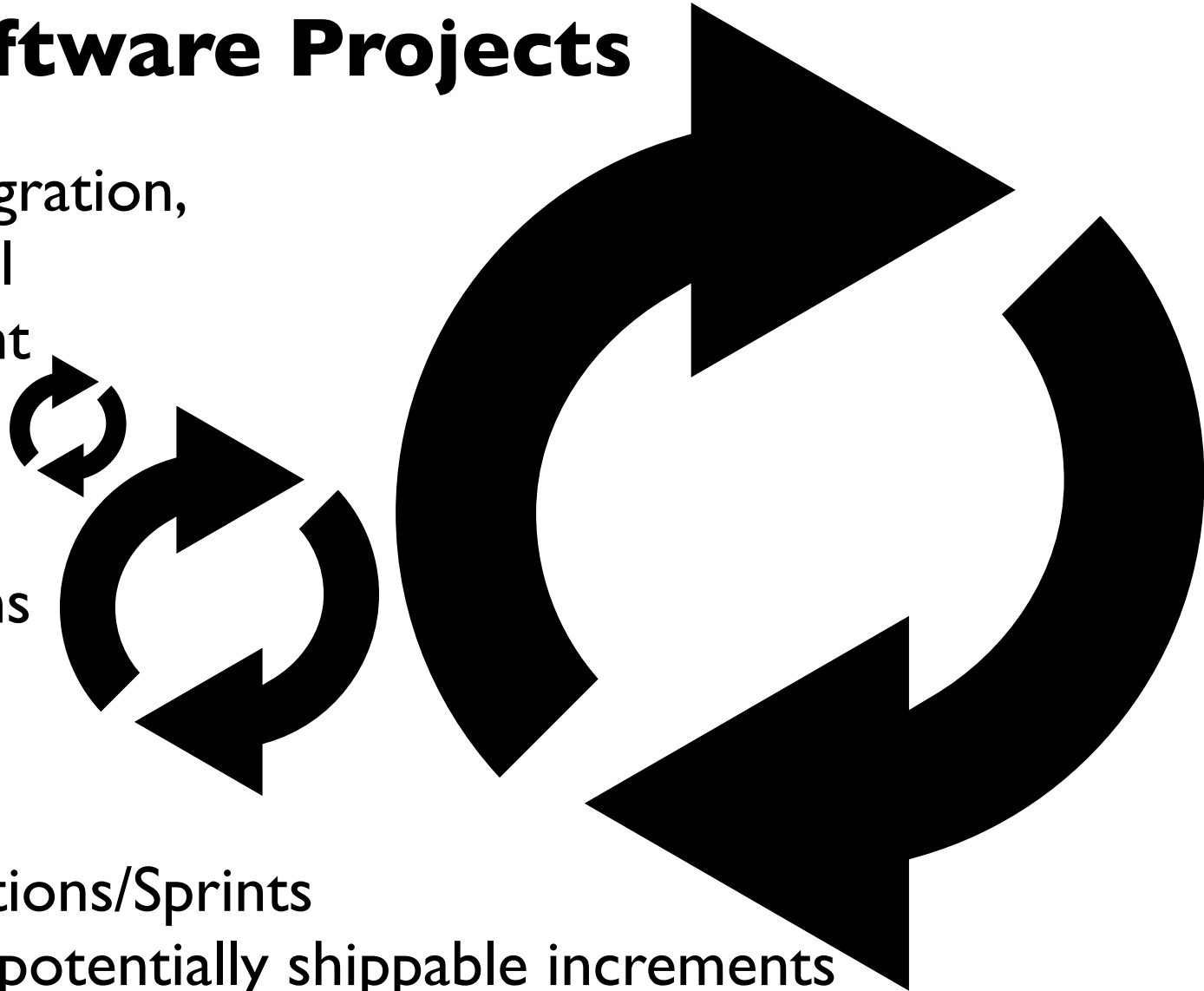


Rapid and Continuous Development in Pure Software Projects

Continuous Integration,
Quality Control
and Deployment

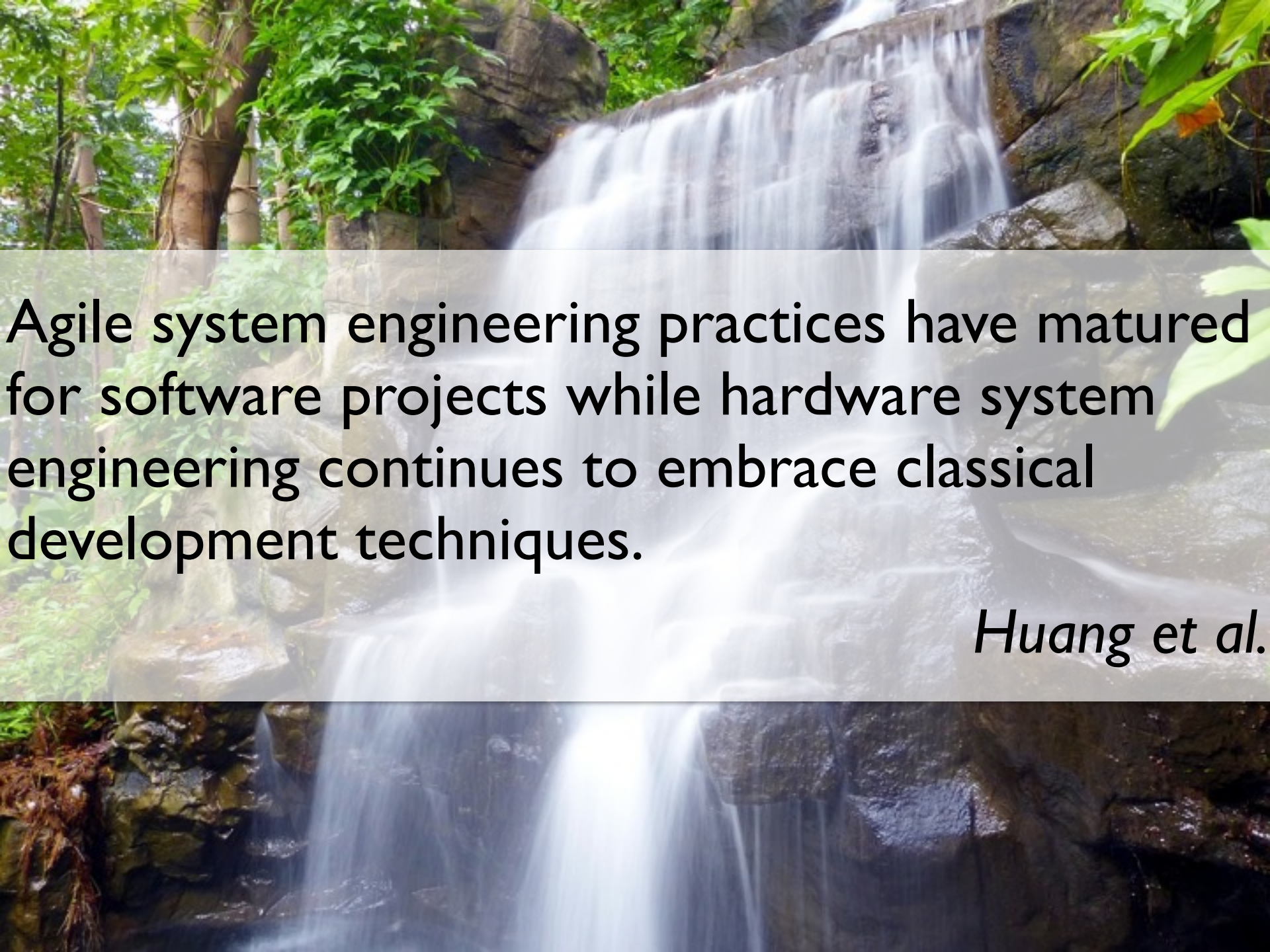
Daily Scrums

Iterations/Sprints
with potentially shippable increments



The Internet of THINGS



A photograph of a waterfall cascading over dark, wet rocks in a lush green forest. The water is captured in a long-exposure shot, creating a soft, white, misty effect as it falls. The surrounding vegetation is dense and vibrant green, with some trees and bushes visible in the background. The overall scene is serene and natural.

Agile system engineering practices have matured for software projects while hardware system engineering continues to embrace classical development techniques.

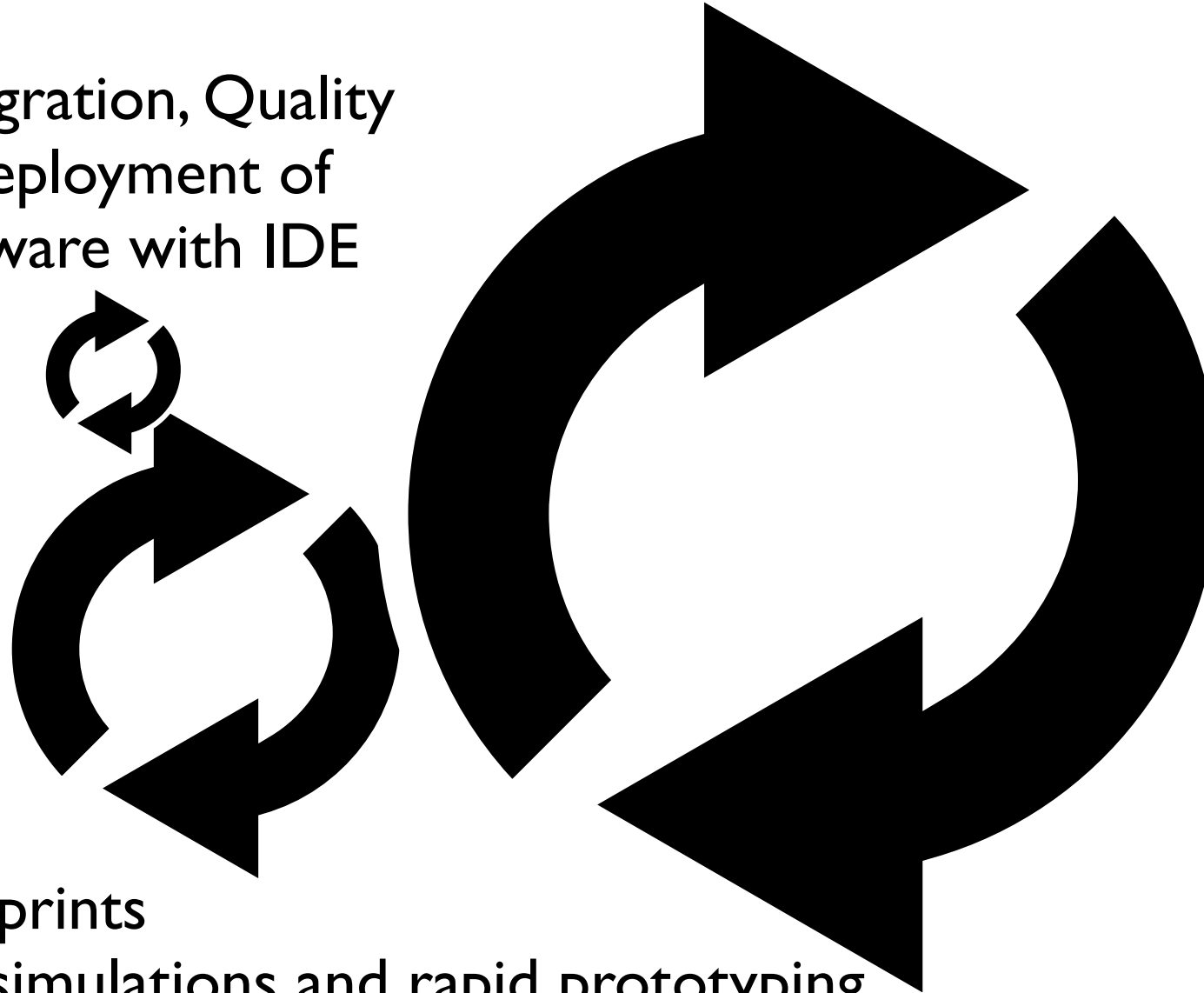
Huang et al.

Rapid and Continuous Development of IoT Systems

Continuous Integration, Quality Control and Deployment of Software/Hardware with IDE integration

Integration and Coordination of Teams

Iterations/Sprints with quick simulations and rapid prototyping



I can provide

- Strong background on continuous quality control
- Experiences with rapid and continuous software development and IDE integration
- First steps into continuous integration and testing of hardware/software systems in collaboration with BMW

I'm looking for

- Application partners developing systems for the IoT
- Experts on simulation and rapid prototyping of hardware/software systems

Contact

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Pictures Used in this Slide Deck

„Internet of Things“ by Wilgengebroid (http://commons.wikimedia.org/wiki/File:Internet_of_Things.jpg)

Waterfall by cegoh (http://pixabay.com/p-329155/?no_redirect)