Getting in Touch with Your Feelings about Software Architecture

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Although software architecture is a key factor in determining the success or failure of a software system, software professionals throughout the industry continue to struggle with questions like:

- What exactly is a software architecture?
- Why is software architecture important?
- What factors influence the design of a software architecture?
- Which requirements are most important during software architecture design?

In this keynote address, the presenter will attend to these questions by discussing the nature of software architecture in terms of architectural structures, the role that software architecture plays in an organization, the technical, business, and social influences on software architectures, and the role of quality attribute requirements in architectural design.

Rob Wojcik is a member of the technical staff in the Product Line Systems Program at the Carnegie Mellon University’s Software Engineering Institute (SEI), a position he has held since 2004. In his current position, he performs training and consulting in software architecture technology and software architecture evaluations. Prior to his position at the SEI, over twenty years of his career were dedicated to developing software systems that utilize traditional as well as artificial intelligence and object oriented technologies. He has an MS in Software Engineering from Carnegie Mellon University and a BS in Computer Science from the University of Pittsburgh.