

Panel:
**How Can Requirements Engineering Research
Become Requirements Engineering Practice?**

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The path from conceptualization of a good idea to its widespread use in industry is usually long, complicated, and fraught with peril. Too often, research justified as satisfying the needs of industry begins with a wrong or simplified understanding of industry's problems. Even given a real solution to a real problem, successful transfer of that solution into practice depends on many other factors such as funding, the emergence of champions, availability of tools, education, integration with existing methods, and all too often, plain luck.

This panel will explore how methods for requirements engineering for real-time and embedded systems can be moved into practice. Representatives from industry will discuss their needs and problems using existing methods, members of the research community will discuss current research trends, and tool vendors will discuss the difficulties of moving a good solution to a real problem into practice.

Each speaker will be asked to briefly state, with respect to requirements engineering for real-time, embedded systems:

- What their role should be in transferring innovation to industry
- What their role actually is
- Why the two are different, i.e., what their needs are
- How the other members of the panel could help meet those needs
- How they could help meet the needs of the other panel members

Differences in roles, needs, and contributions will be discussed among by the panel members, followed by a question and answer session open to the audience.

Members of the audience should leave with a better understanding of industry needs for requirements engineering for real-time embedded systems, where current research trends are headed, and why many good ideas will never make it into practice.