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Verified Systems Roadmap

Certification Panel

Helen Gill, Connie Heitmeyer, Jim Horning, Warren Hunt,
John Rushby, Hassen Saïdi, Ashish Tiwari

Computer Science Laboratory
SRI International
Menlo Park CA USA

Preliminary Certification Roadmap

1–2 Years:

- **Local victories** (e.g., verification replaces MC/DC testing)
- Formal documents **employed** in safety cases

5 Years:

- Scientific certification methods **developed** for core safety case activities across all fields (Toulmin?)
- Automated formal methods **employed** in support of scientific certification

10 Years:

- Automated formal methods employed **top to bottom** in support of scientific certification

15 Years:

- **Compositional certification**