Abstract
The discipline of systems architecting must be developed in the wider context of existing disciplines and related research work. The body of knowledge to be developed consists of a frame of reference, systems architecting methods and case descriptions.

The education of architects must be developed concurrently with the know how. Know how gets value via skilled people.
The context of architecting

- **natural system architect habitat**
  - standardisation bodies, professional societies: IEEE, ISO, ACM, IFIP, INCOSE
  - communities, conferences: requirements engineering, reliability engineering, product lines, SW architecting, TRIZ, RUP

- **management disciplines**
  - technology management, business management, process management, quality assurance, project management

- **classical disciplines**
  - mathematics, physics, chemistry, biology, medicine, economics, computer science, mechanical engineering, electronical engineering

- **human sciences**
  - psychology, sociology, pedagogy, anthropology, theology

- **system architecting**
System architecting research: to do

**frame of reference**
- taxonomy
- framework
- objectives
- principles
- glossary
- ontology
- heuristics

**case studies**
- industry as laboratory
- large scale research

**methods**
- reliable systems
- fast innovation
- secure systems
- maximum performance
- lowest cost
- design for testability

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3  Gerrit Muller
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