





















- "Malleable" software
  - Software which anticipates likely evolution scenarios and variations and is *robust* with respect to changes
- "Multi-dimensional" engineering
  - Ability to separate concerns and engineer products through any perspective



- Metrics Integrated decision support for risk assessment and reduction.
- Analysis Making formal analysis useable in real software engineering projects.
- Testing Testing techniques for component-based development.
- Architecture Architectural principles for systems that exhibit the scale and variability of network-centric applications and the dynamism of pervasive computation.



- Configuration Management Efficient, scaleable, available management of information resources integrated with process support.
- Software Economics Linking technical parameters with value to allow management of software development processes for, and tracking of, value.
- Empirical Studies "Evidence-based" software engineering practice.
- Databases Unbundling and rebundling of database components and provision of flexible cooperation schemes on top of these components.





