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Sommario/riassunto	HASE 2005 focuses on the rapid development and increasing complexity of both software and hardware systems that impose tremendous challenges to systems engineers, in particular to the engineering of high assurance systems. This not only represents a growth trend for the conference, it also reflects the ever increasing importance of "assurance" in all the technology we have come to depend on in virtually all facets of life. The utility of computing technology, be it safety-critical, critical or service-critical, comes fundamentally from the trust we are able to put into it for sustained delivery of desired services. This year's proceedings addresses some of the challenges that systems engineers face. Special attention is paid to hard- and software testing, hardware verification and fault tolerant hard- and software architectures.