



**Session 1 “Engineering Dynamic & ad-hoc
Service Coalitions”
Design and Operational (run-time) TSD aspects**

Workshop on

Software and Service Development, Security & Dependability

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Design and Operational TSD aspects

ESFORS Software and Service Development, Security & Dependability Workshop

- Design
 - Security engineering
 - Design tools
 - Modeling languages
 - Model-driven development of adaptive structures
 - Formal methods
- Operational (run-time) aspects of SW systems and services
 - Web services discovery

Design and Operational TSD aspects

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- The target is to perform gap analysis
 - What has been done
 - Under which assumptions (simplifying assumptions, isolation, ...)
 - To reduce complexity (of design, analysis, run-time management)
 - To enable the use of available tools and technologies

Design and Operational TSD aspects

ESFORS Software and Service Development, Security & Dependability Workshop

- The target is to perform gap analysis
 - Future directions
 - Costs
 - Open research problems
 - Development of new technologies
 - Integration of existing technologies
 - Development of new tools
 - Integration of existing tools
 - New emerging requirements and needs

Design and Operational TSD aspects

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- Agenda of this session
 - Presentations about experiences coming from TSD Europeans projects
 - SEINIT
 - SERENITY
 - DESEREC
 - Lively Discussion

Design and Operational TSD aspects

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- Presentations
 - Design and Methodology
 - “Serenity Framework Rules” (P. Soria - ATOS Research)
 - “Modeling services for trust and security assurance” (M. Aime - Politecnico di Torino)
 - “Model-driven development of adaptive structures” (G. Csertán - BUTE)

Design and Operational TSD aspects

ESFORS Software and Service Development, Security & Dependability Workshop

- Presentations
 - Dynamic and Operational Aspects of SW Systems & Services
 - “Web Services Discovery” (J. C. Pazzaglia - SAP)
 - “Security wrappers” (A. Waller - THALES)
 - Formal Methods
 - “Formal methods for the analysis of wide systems providing business services” (L. Durante - IEIIT/CNR)

Design and Operational TSD aspects

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Thank you for your attention

