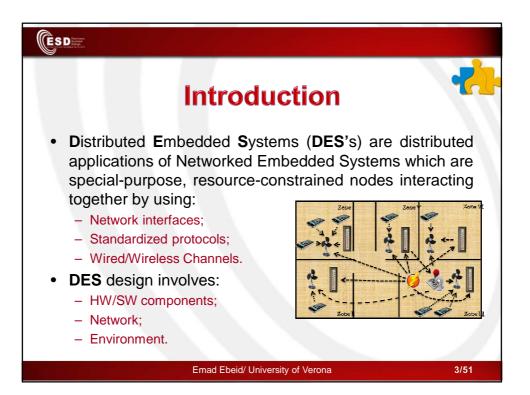
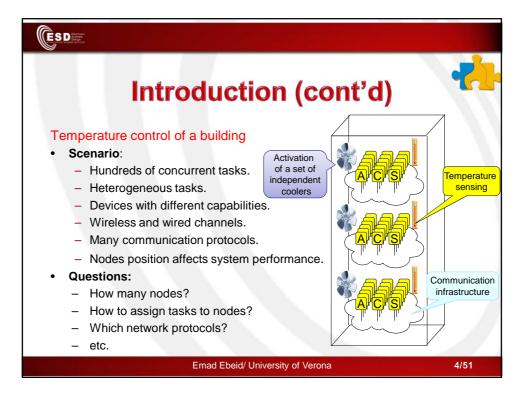
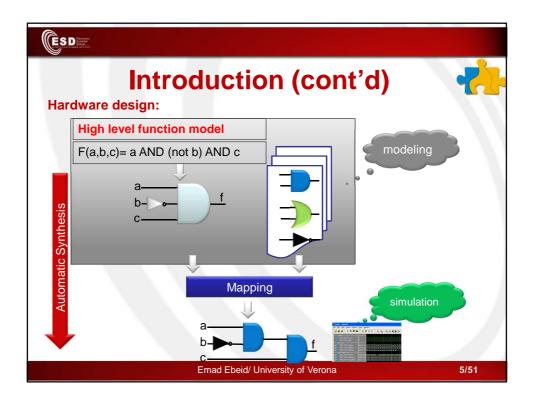
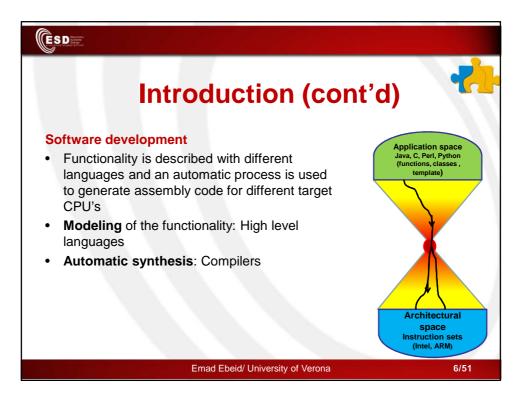


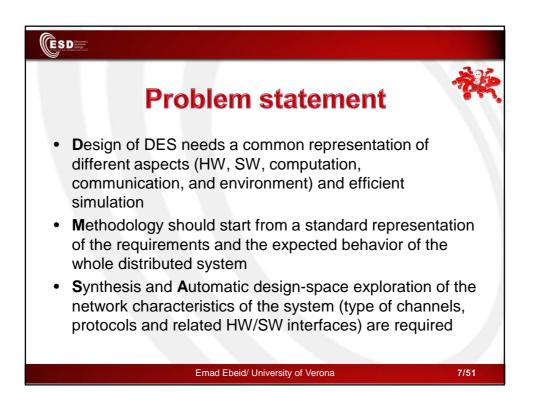
Outline	
Introduction & Problem statement	
Objectives	
Proposed Methodology	
- Modeling	
– Synthesis	
<ul> <li>Manipulation and DSE</li> </ul>	
<ul> <li>Design validation</li> </ul>	
Innovations	
<ul> <li>Methodology implementation</li> </ul>	
Unified case study	
<ul> <li>Conclusions and future research opportunities</li> </ul>	
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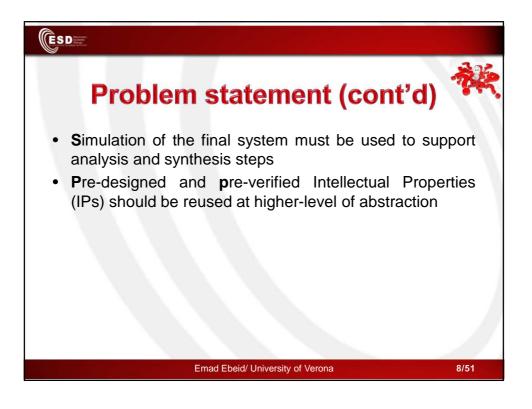


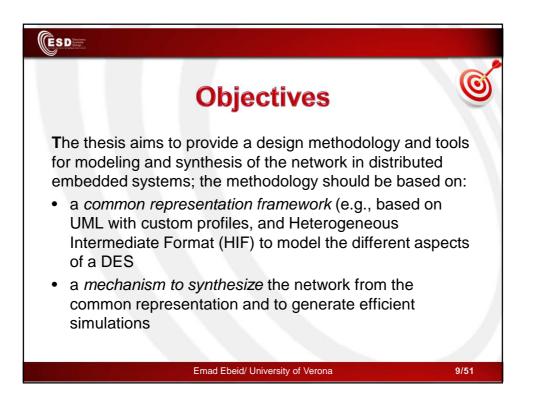


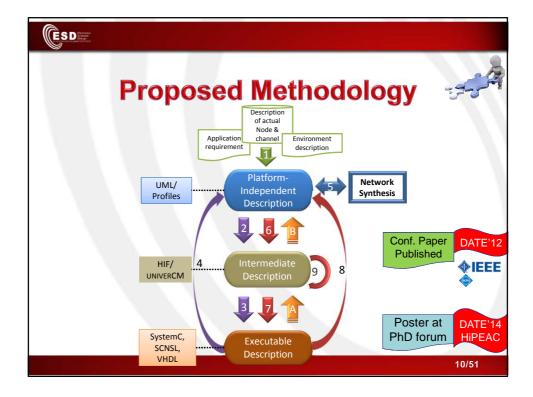


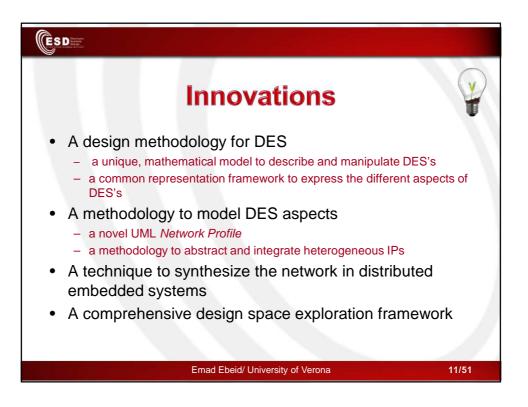


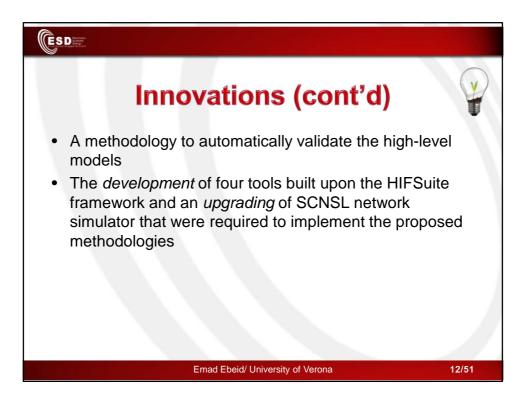


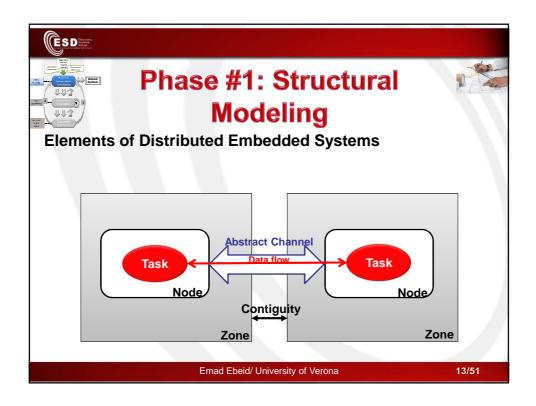


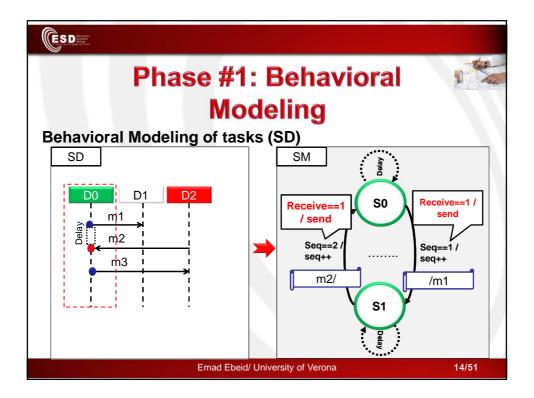




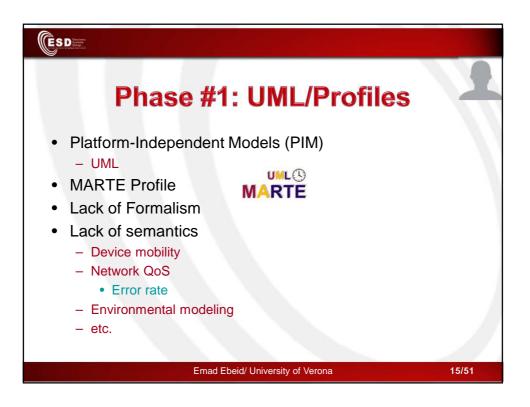


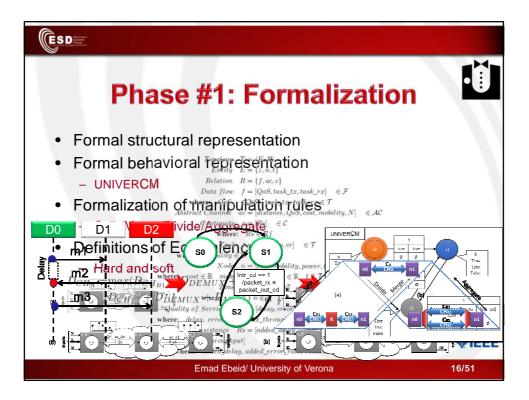


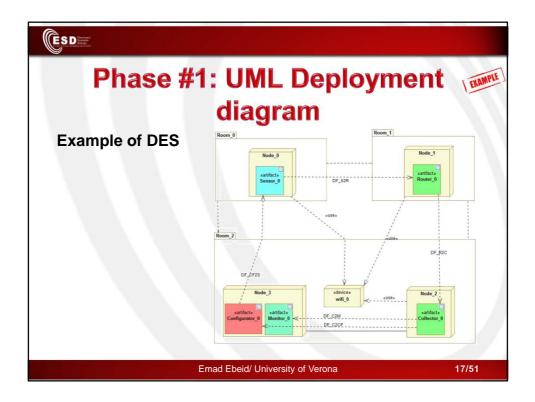


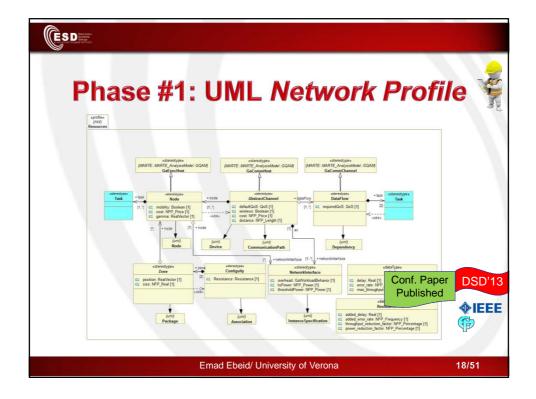


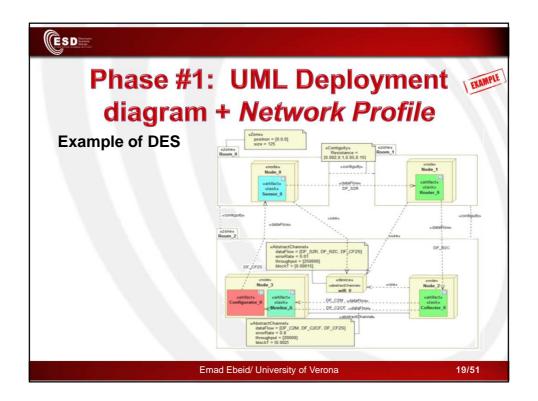
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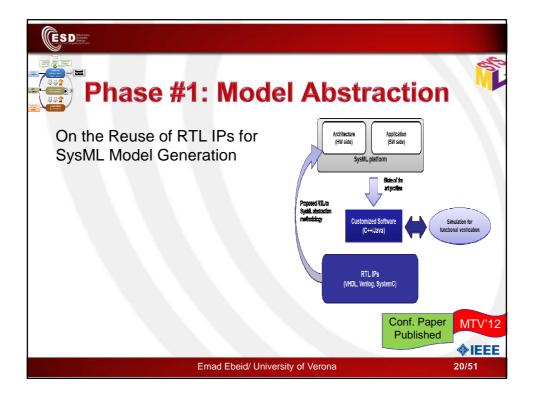


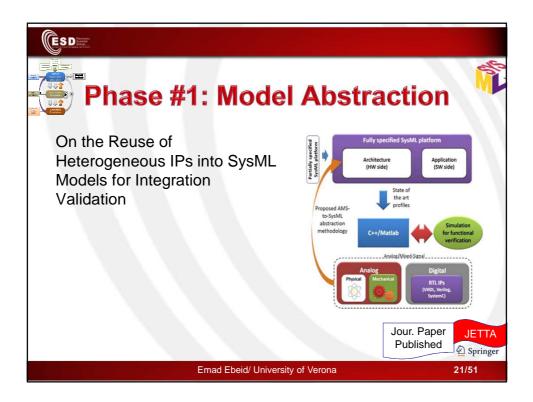


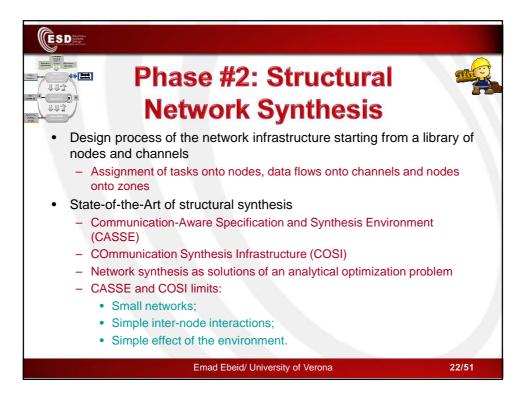


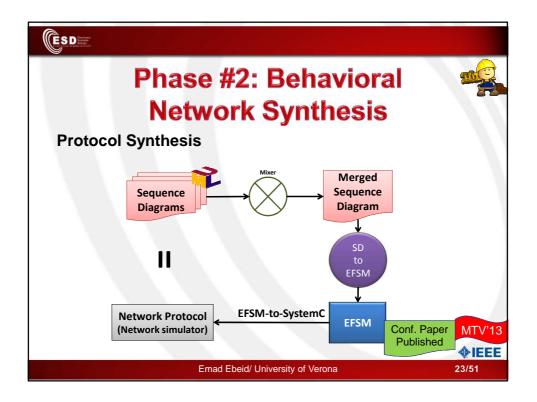


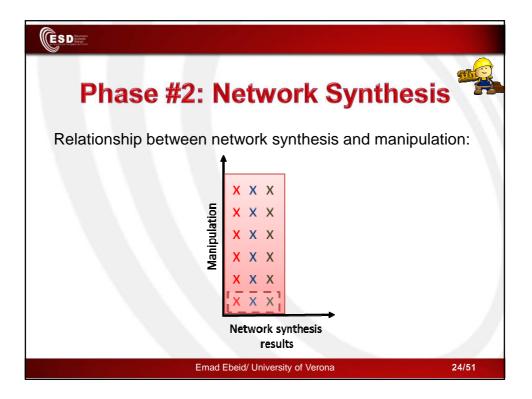


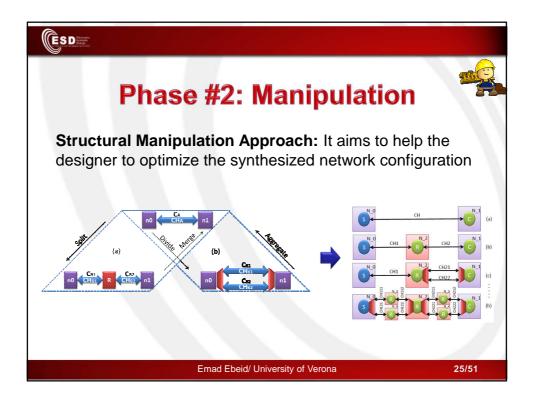


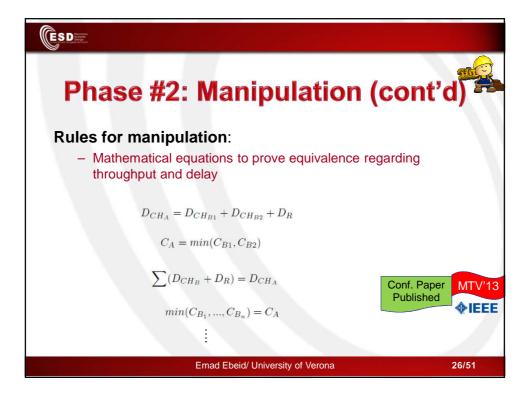


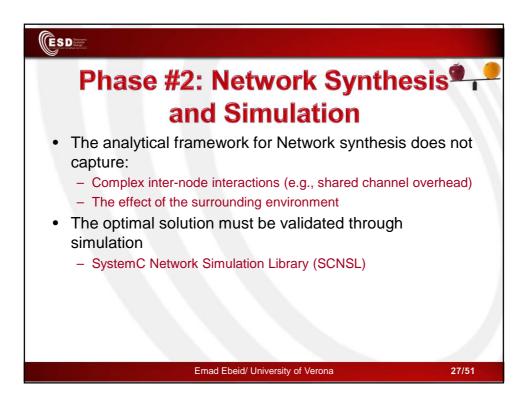


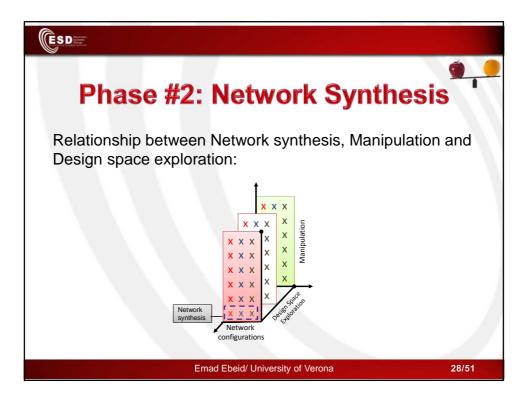


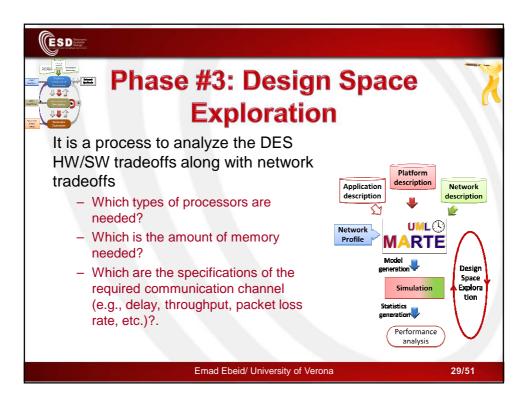


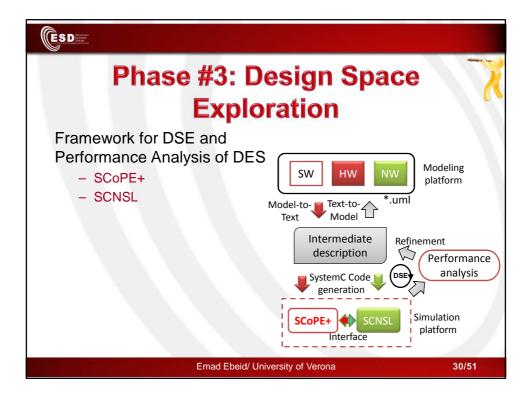


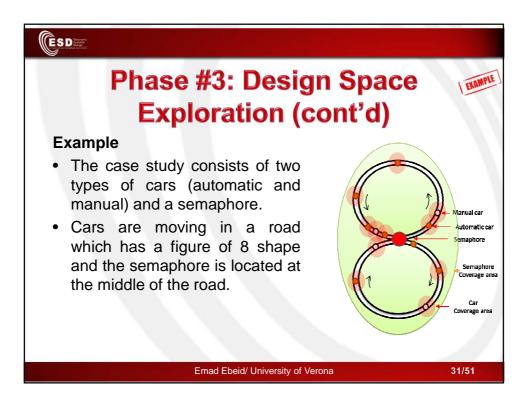


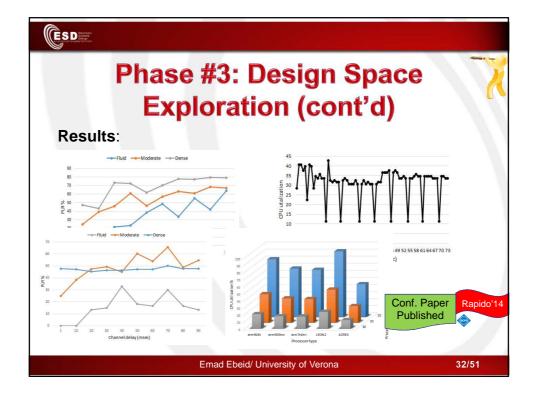


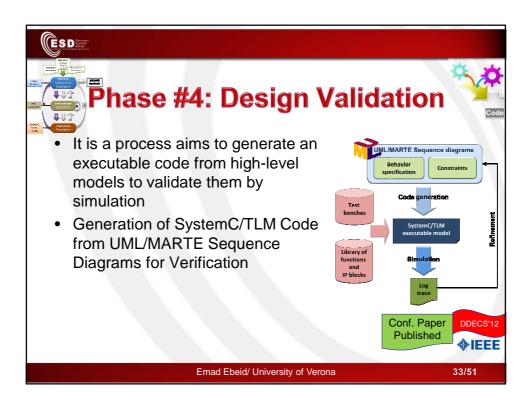


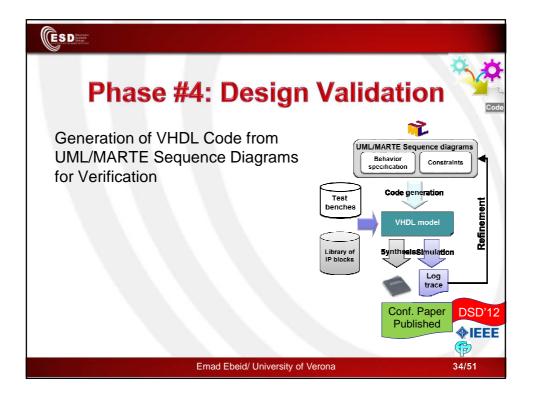


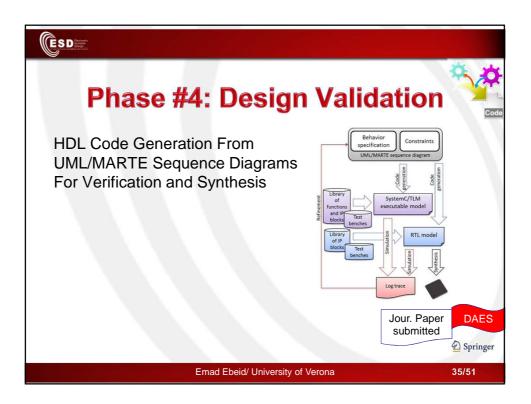


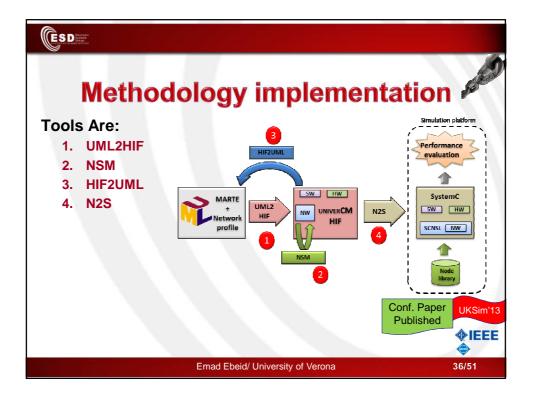


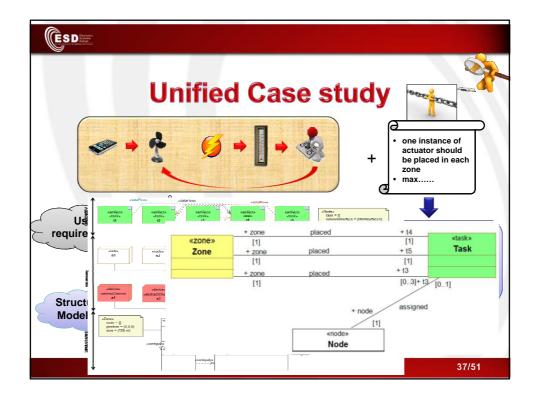


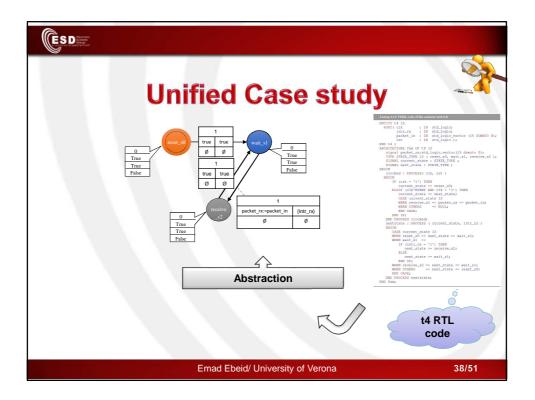


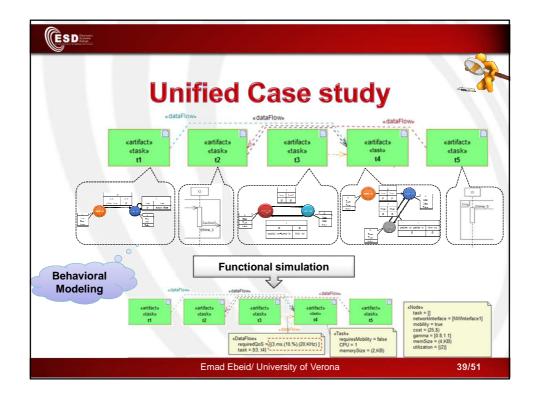


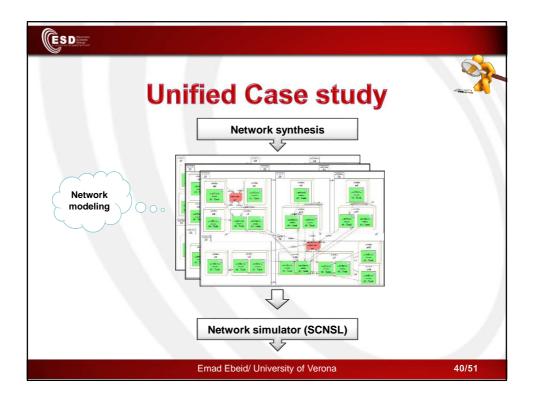




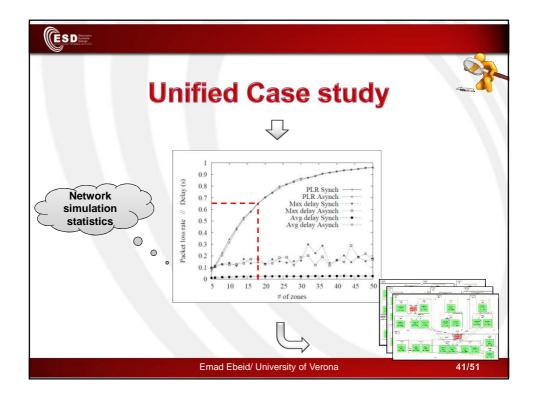


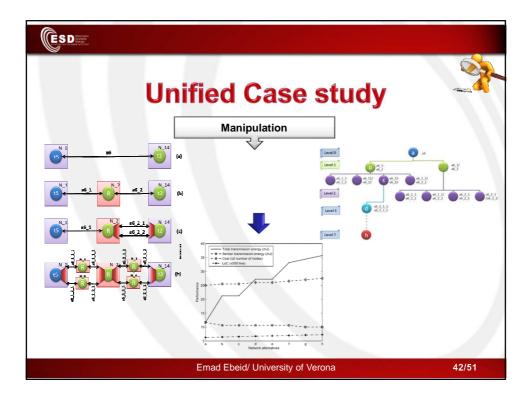


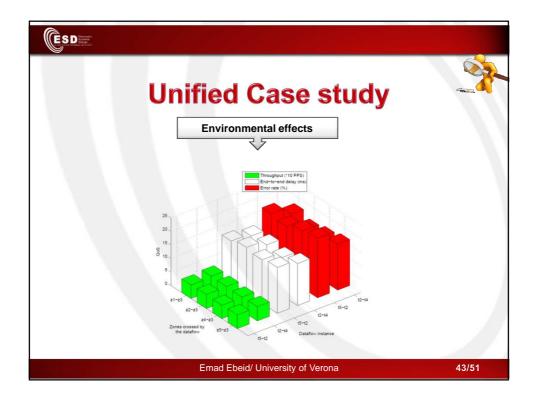




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European projects involvement		
GMPLEXT	<ul> <li>COMPLEX (COdesign and power Management in PLatform-based design space EXploration):</li> <li>Network-aware Design-Space Exploration.</li> </ul>	
Tøuch €Møre	<ul> <li>ToucHMore (Automatic Customizable Tool-Chain for Heterogeneous Multicore Platform Software Development):</li> <li>Abstraction of Heterogeneous IPs.</li> </ul>	
Smac	<ul> <li>SMAC (SMArt Components &amp; smart systems integration):</li> <li>Environmental modeling.</li> </ul>	
Contrex	<ul> <li>CONTREX (COdesign and power Management in PLatform-based design space Exploration):</li> <li>Manipulation and a Framework for Design Space Exploration.</li> </ul>	
	Emad Ebeid/ University of Verona 44/51	

