CSCI 568 – Requirements Engineering  
University of Southern California

**List of Papers for Student Presentations – Spring 2017**

* Industry needs and research directions in requirements engineering for embedded systems, by Ernst Sikora, Bastian Tenbergen, and Klaus Pohl.
  + <http://link.springer.com/article/10.1007%2Fs00766-011-0144-x>
* Understanding the requirements for developing open source software systems, by W. Scacchi.
  + <http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=999088&tag=1>
* Four dark corners of requirements engineering, by Pamela Zave and Michael Jackson.
  + <http://dl.acm.org/citation.cfm?id=237434>
* **~~Quality requirements elicitation based on inquiry of quality-impact relationships, by F. Fotrousi, S.A. Fricker, and M. Fiedler.~~**
  + [~~http://ieeexplore.ieee.org/xpls/abs\_all.jsp?arnumber=6912272~~](http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=6912272)
* Goal-driven risk assessment in requirements engineering, by Yudistira Asnar, Paolo Giorgini, and John Mylopoulos.
  + <http://link.springer.com/article/10.1007%2Fs00766-010-0112-x>
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* How cloud providers elicit consumer requirements: An exploratory study of nineteen companies, by I Todoran, N. Seyff, and M. Glinz.
  + <http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=6636710>
* A Roadmap for Comprehensive Requirements Modeling, by W.N. Robinson.
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* Requirements elicitation: Towards the unknown unknowns, by A. Sutcliffe and P. Sawyer.
  + <http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=6636709>
* On the Effectiveness of Screen Mockups in Requirements Engineering: Results from an Internal Replication, by Filippo Ricca, Giuseppe Scanniello, Marco Torchiano, Gianna Reggio, and Egidio Astesiano.
  + <http://dl.acm.org/citation.cfm?id=1852809>
* **~~Experience with user-centred requirements engineering, by Alistair Sutcliffe, Sarah Thew, and Paul Jarvis.~~**
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* Automated Analysis of Requirement Specifications, by William Wilson, Linda Rosenberg, and Lawrence Hyatt.
  + <http://ieeexplore.ieee.org/xpl/abstractKeywords.jsp?arnumber=610237>
* A feature-oriented requirements modelling language, by P. Shaker, J.M. Atlee, and Shige Wang.
  + <http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=6345799>
* **~~Requirements Development, Verification, and Validation Exhibited in Famous Failures, by A. Terry Bahill and Steven J. Henderson.~~**
  + [**~~http://www.sie.arizona.edu/sysengr/publishedPapers/FamousFailures.pdf~~**](http://www.sie.arizona.edu/sysengr/publishedPapers/FamousFailures.pdf)
* An Experimental Comparison Regarding the Completeness of Functional Requirements Specifications, by I Menzel, M. Mueller, A. Gross, and J. Doerr.
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* Formal Methods for Specifying, Validating, and Verifying Requirements, by C.L. Heitmeyer.
  + <http://www.nrl.navy.mil/itd/chacs/heitmeyer-formal-methods-specifying-validating-and-verifying-requirements>
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