What is a Position Paper?

- Position papers in academia enable discussion on emerging topics without the experimentation and original research normally present in an academic paper. Commonly, such a document will substantiate the opinions or positions put forward with evidence from an extensive objective discussion of the topic [Wikipedia].

What to do?

- Identify two other papers dealing with an interesting aspect of the paper
- Define and describe *your own position* by relating the three papers in a particular way, e.g., different ways to gather requirements from the crowd", "overview on different studies on evaluating creativity techniques".
- *Adapt the motivation* from the papers depending on your own position
- Provide *additional material* on the *background of the research* (this is often too short in the original papers, as papers need the space to describe an approach and possibly an evaluation)
- Give a *summary of the approach/results* of the original papers
- Result: 8 pages in Springer LNCS format, **Deadline: January 24, 2018, 9:00**

Topics and Seed Papers

1. Using Argumentation to **Explain Ambiguity** in Requirements Elicitation Interviews. Yehia Elrakaiby, Alessio Ferrari, Paola Spoletini, Stefania Gnesi, and Bashar Nuseibeh, Requirements Engineering Conference (RE), 2017
2. A Little Bird Told Me: **Mining Tweets for Requirements** and Software Evolution. Emitza Guzman, Mohamed Ibrahim, and Martin Glinz. Requirements Engineering Conference (RE), 2017
3. The Vision: **Requirements Engineering in Society**. Guenther Ruhe, Maleknaz Nayebi, and Christof Ebert. Requirements Engineering Conference (RE), 2017
4. What Works Better? A Study of **Classifying Requirements**. Zahra Shakeri Hossein Abad, Oliver Karras, Parisa Ghazi, Martin Glinz, Guenther Ruhe, and Kurt Schneider. Requirements Engineering Conference (RE), 2017
5. RE Data Challenge: Requirements Identification with **Word2Vec and TensorFlow**. Alex Dekhtyar and Vivian Fong. Requirements Engineering Conference (RE), 2017
6. **Gathering Requirements** for Software Configuration **from the Crowd**. Denisse Muñante, Alberto Siena, Fitsum Meshesha Kifetew, Angelo Susi, Melanie Stade, and Norbert Seyff. 2nd CrowdRE workshop, collocated in RE conference. 25th IEEE International Requirements Engineering Conference (RE'17)
7. **The Crowd in Requirements Engineering**: The Landscape and Challenges. Eduard C. Groen, Norbert Seyff, Raian Ali, IEEE Software, Volume: 34 Issue: 2, 2017
8. **Gamified Requirements Engineering**: Model and Experimentation. Lombriser P., Dalpiaz F., Lucassen G., Brinkkemper S. Requirements Engineering: Foundation for Software Quality. REFSQ 2016.

9. **Engaging the Crowd** of Stakeholders in Requirements Engineering via **Gamification**. Dalpiaz F., Snijders R., Brinkkemper S., Hosseini M., Shahri A., Ali R. Gamification. Progress in IS. Springer. 2017.
10. Automated **Classification of Legal Cross References** Based on Semantic Intent. Sannier N., Adedjouma M., Sabetzadeh M., Briand L., Requirements Engineering: Foundation for Software Quality. REFSQ 2016.
11. **reqT.org** – Towards a Semi-Formal, Open and Scalable **Requirements Modeling Tool**. Regnell, B., Lecture Notes in Computer Science (Vol. 7830, pp. 112-118). Springer. 2013.
12. **Digital Addiction**: A Requirements Engineering Perspective. Alrobai A., Phalp K., Ali Requirements Engineering: Foundation for Software Quality. REFSQ 2014.
13. FlexiView: A Magnet-Based Approach for **Visualizing Requirements Artifacts**. Ghazi P., Seyff N., Glinz M., Requirements Engineering: Foundation for Software Quality. REFSQ 2015
14. **Capability Driven Development**: An Approach to Designing Digital Enterprises. Bērziša, S., Bravos, G., Gonzalez, T.C. et al. Bus Inf Syst Eng (2015) 57: 15
15. Automatically **hardening** a self-adaptive system **against uncertainty**. Erik M. Fredericks, *International Symposium on Software Engineering for Adaptive and Self-Managing Systems* (SEAMS '16).
16. **Requirements model driven adaption** and evolution of Internetware. Liu, L., Yang, C., Wang, J. et al. Sci. China Inf. Sci. (2014) 57: 1.
17. Supporting **agent oriented** requirement analysis **with ontologies.** Antonio A. Lopez-Lorca, Ghassan Beydoun, Rafael Valencia-Garcia, Rodrigo Martinez-Bejar, Human-Computer Studies, Volume 87, 2016.
18. Engineering **requirements for adaptive systems**. Morandini, M., Penserini, L., Perini, A. et al. Requirements Eng (2017)
19. Selecting **creativity techniques** for creative requirements: An evaluation of four techniques using creativity workshops. Svensson, R.B. ; Taghavianfar, M.. Requirements Engineering Conference (RE), 2015 IEEE 23rd International
20. A **Requirements Monitoring** Model for Systems of Systems. Vierhauser, M. ; Rabiser, R. ; Grunbacher, P. ; Aumayr, B.. Requirements Engineering Conference (RE), 2015 IEEE 23rd International
21. Forging **high-quality User Stories**: Towards a discipline for Agile Requirements. Lucassen, G. ; Dalpiaz, F. ; van der Werf, J.M.E.M. ; Brinkkemper, S. Requirements Engineering Conference (RE), 2015 IEEE 23rd International
22. A quality model for the systematic assessment of **requirements traceability**. Rempel, P. ; Mader, P.. Requirements Engineering Conference (RE), 2015 IEEE 23rd International
23. How Do Users Like This Feature? A Fine Grained Sentiment Analysis of App Reviews (**Text mining**). Guzman, E. ; Maalej, W.. Requirements Engineering Conference (RE), 2014 IEEE 22rd International
24. Automated extraction and **visualization of quality concerns** from requirements specifications. Rahimi, M. ; Mirakhorli, M. ; Cleland-Huang, J. Requirements Engineering Conference (RE), 2014 IEEE 22rd International
25. Competition and collaboration in requirements engineering: A case study of an emerging **software ecosystem**. Valenca, G. ; Alves, C. ; Heimann, V. ; Jansen, S. ; Brinkkemper, S. Requirements Engineering Conference (RE), 2014 IEEE 22rd International
26. Ongoing software development **without classical requirements**. Alspaugh, T.A. ; Scacchi, W. Requirements Engineering Conference (RE), 2013 IEEE 21rd International

27. Speculative requirements: Automatic detection of uncertainty in **natural language requirements**. Hui Yang ; De Roeck, A. ; Gervasi, V. ; Willis, A. ; Nuseibeh, B.. Requirements Engineering Conference (RE), 2012 IEEE 20rd International
28. A **feature-oriented requirements** modelling language. Shaker, P. ; Atlee, J.M. ; Shige Wang, Requirements Engineering Conference (RE), 2012 IEEE 20rd International