ENGINEERING CONFERENCES

Course Content and Schedule

Task	Topic	Exercise (bold: group work)	Schedule
1	Orientation: ▪ The shape of science ▪ How to find a scientific paper	▪ identify own field of work ▪ **identify position on science map** ▪ find example paper	Week 1
2	Comprehension: Reading, understanding and evaluating a scientific paper	▪ study example paper ▪ conduct a simple review ▪ **present findings to group**	Week 2
3	State of the art survey: Finding related work and peers	▪ identify important work of others ▪ understand and relate to own work	Week 3-4
4	Paper Compilation: Developing a thread and structure	▪ identify core results and/or message ▪ **collect and arrange headlines, graphs and main arguments**	Week 5
5	Paper layout: ▪ Referencing and reference styles ▪ Organizing a bibliography and referencing tools	▪ use example tool for finding, editing, and archiving references ▪ apply reference style to example sources	Week 6
6	Paper layout: ▪ Editing and publishing tools ▪ Paper style guide and template	▪ learn and test the capabilities of publishing tools ▪ get familiar with paper style guide	Week 7-8
Exam element: paper submitted (Week 8)			
7	Peer reviewing: Quality control and improvement	▪ **identify benefits, elements and defects of review processes** ▪ peer review papers of other authors in class	Week 9
Exam element: two reviews conducted (Week 10)			
8	Poster presentation: Designing a scientific poster	▪ arrange information and layout ▪ **evaluate story and effect**	Week 10-14
Exam element: poster presentation day (in public, Week 15)			