

Internet Measurements Seminar

https://www.ce.cit.tum.de/cm/teaching/summer-term-2025/internet-measurements-seminar/



Outline

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 - a. HotCRP Example
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- 4. Organizational Matters



1. Seminar Structure and Grading Scheme

- Regular conference paper publication process:
 - Call for Papers: Submission until specified date
 - Round of reviews by technical committee: decision to accept/reject?
 - Presentation of accepted/revised papers during conference sessions
 - Followed by discussion and Q&A

•	In this Seminar: Reviews + Presentation	Grading
	 Pre-selected (published) papers on Internet Measurements 	
	 Each student reviews papers for the sessions 	40%
	Include 3 in-depth questions about the paper	10%
	 Each student presents 1 paper (~12-13 min + 5-7 min discussion) 	40%
	Include your own thoughts on the paper in one slide at the end	10%

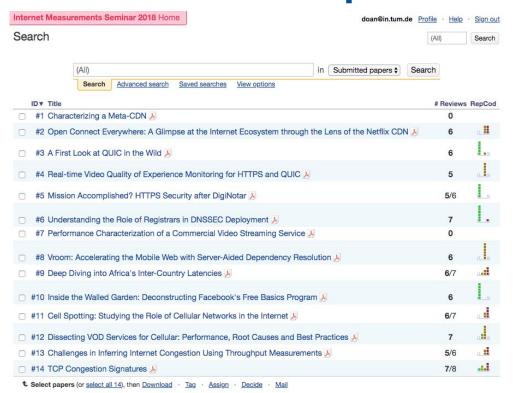


1. Learning Goals and Outcomes

- Learn about latest research in the area of Internet Measurements
 - Current problems, state-of-the-art methodology, open questions
- Acquire general skill set by taking roles of a reviewer and a presenter
 - Scientific conference/workshop, peer reviewing, paper publication process
 - How are good research papers presented in written form?
 - Importance of reproducibility and artifacts
 - Critical thinking while reading/reviewing papers and listening to talks
 - Questioning content, identifying strengths/weaknesses
 - Extract key results and main findings → takeaways
 - Presentation and discussion of results in concise manner for a talk



2. HotCRP Example https://hotcrp.com



Write Reviewing	
Offline reviewing	W
	Upload form: Choose File No file chosen Go
	Download form • Tip: Use Search or Offline reviewing to download or upload many forms at once.
	Total Commence Commen
Paper summa	100
	•
riease summa	rize the paper briefly in your own words.
Strengths	
-	paper's strengths? You may comment on the importance of the problems addressed
	the proposed solutions, the technical depth and potential impact.
and moverly or	and proposed solutions, the teamneal depth and potential impact.
	aper's weaknesses? Just a couple sentences, please.
Technical Asp	
Is the research paper?	question well-motivated? What technical aspects are missing to understand the
-	
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are missing? Presentation Does the abstr	s cover attacks and defense mechanisms (implicitly/explicitly)? Are there others that



2. Reviewing Process

- We invite each of you to our HotCRP instance
- Check email address (login) in invitation email
- Registration form: affiliation/collaborators can be anything (e.g., TUM)
- Papers will be imported to HotCRP for reviewing

- Paper assignment by us
- Reviews are due until the presentation date if not presenting on that day
 - i.e., before a session you either review OR prepare a presentation
- Overall 6 reviews throughout the seminar



2. Writing Hints for Reviews

- Review form provides prompts to assist in commenting on the papers
- If you used Al assistance for writing (i.e., anything beyond Grammarly), you must mark anything produced by such tools (incl. which one you used)

- For in-depth questions:
 - Avoid generic questions such as "Can we apply AI/ML?"
 - Try to ask questions that, e.g., propose changing the design or configuration of the study and briefly elaborate on why



3. Presentation Hints

- Presentations typically follow the structure of the paper
 - Motivate the subject (~15% of time)
 - Explain measurement methodology (~40% of time)
 - Keep it simple: don't lose yourself in details; add background if needed
 - Present and discuss main/most interesting results (~30% of time)
 - Usually summarized in abstract
 - Summarize main findings/conclusions and describe outlook (~10% of time)
 - Add your own thoughts on the paper in 1 slide (~5% of time)
 - e.g., strengths weaknesses, limitations
- Practice your presentation
 - Get feedback from your fellow students
 - Be aware of the time limit of ~12-13 min (time keeping is part of the grade!)



4. Organizational Matters

- Paper selection: you decide which subset of papers will be discussed in the course!
 - List of seminar papers in Moodle
 - Send us your preferences by May 02 23:59 via email:
 - Paper to present: Top 5 papers in descending order
 - Presentation dates: Top 3 presentation dates in descending order
 - We will assign the papers and presentation dates by May 05, and announce them via Moodle
 - Reviews will be assigned by us!



4. Organizational Matters (contd.)

- Seminar sessions will take place roughly every two weeks (to provide enough time for reading and preparation of papers) on BBB (https://bbb.cit.tum.de/jus-z5f-fbr-6we)
- Sessions start at 4 p.m.
- Next dates:
 - Preferences May 05 (check Moodle!)
 - Session 1 May 21
 - Session 2 June 04
 - Session 3 June 18
 - Grading July