

Informational Slides

Internet of People: Connectivity, Mobility, Privacy

<http://www.cm.in.tum.de/teaching/2019-iop-connectivity-mobility-and-privacy/>

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Outline

1. Seminar Structure and Grading Scheme
 - a. Reviews
 - b. Presentation
 - c. Participation
2. HotCRP Example
3. Content Overview

1. Seminar Structure and Grading Scheme

❑ Regular Conference Process:

- Papers have been submitted
- Round of reviews
- Presentation of (accepted) papers during conference sessions
 - Followed by discussion and Q&A

❑ In this seminar

- | | |
|---|----------------|
| ▪ Pre-selected (accepted) papers to specific topics | <u>Grading</u> |
| ▪ Each student has to review papers in weekly rounds | 40% |
| ▪ Each student has to present 1-2 papers (20-25 min + 5-10 min Q&A) | 40% |
| • Include own thoughts (on relevance of paper) in 1-2 slides | 10% |
| ▪ Students are expected to participate in the discussion | 10% |

2. HotCRP Example (<https://hotcrp.com/>)

Internet Measurements Seminar 2018 Home

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ID	Title	# Reviews	RepCod
<input type="checkbox"/>	#1 Characterizing a Meta-CDN 	0	
<input type="checkbox"/>	#2 Open Connect Everywhere: A Glimpse at the Internet Ecosystem through the Lens of the Netflix CDN 	6	
<input type="checkbox"/>	#3 A First Look at QUIC in the Wild 	6	
<input type="checkbox"/>	#4 Real-time Video Quality of Experience Monitoring for HTTPS and QUIC 	5	
<input type="checkbox"/>	#5 Mission Accomplished? HTTPS Security after DigiNotar 	5/6	
<input type="checkbox"/>	#6 Understanding the Role of Registrars in DNSSEC Deployment 	7	
<input type="checkbox"/>	#7 Performance Characterization of a Commercial Video Streaming Service 	0	
<input type="checkbox"/>	#8 Vroom: Accelerating the Mobile Web with Server-Aided Dependency Resolution 	6	
<input type="checkbox"/>	#9 Deep Diving into Africa's Inter-Country Latencies 	6/7	
<input type="checkbox"/>	#10 Inside the Walled Garden: Deconstructing Facebook's Free Basics Program 	6	
<input type="checkbox"/>	#11 Cell Spotting: Studying the Role of Cellular Networks in the Internet 	6/7	
<input type="checkbox"/>	#12 Dissecting VOD Services for Cellular: Performance, Root Causes and Best Practices 	7	
<input type="checkbox"/>	#13 Challenges in Inferring Internet Congestion Using Throughput Measurements 	5/6	
<input type="checkbox"/>	#14 TCP Congestion Signatures 	7/8	

Select papers (or select all 14), then [Download](#) · [Tag](#) · [Assign](#) · [Decide](#) · [Mail](#)

Write Review

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Paper summary

Please summarize the paper briefly in your own words.

Strengths

What are the paper's strengths? You may comment on the importance of the problems addressed, the novelty of the proposed solutions, the technical depth and potential impact.

Weaknesses

What are the paper's weaknesses? Just a couple sentences, please.

Technical Aspects

Is the research question well-motivated? What technical aspects are missing to understand the paper?

Security Considerations

Did the authors cover attacks and defense mechanisms (implicitly/explicitly)? Are there others that are missing?

Presentation of Proposal

Does the abstract convince the reader to read the full paper? Is the paper well-written and well-organized overall? Does the conclusion address the problem identified in the introduction?

3. Content Overview

- ❑ **Mobile Connectivity**: Protocol Design, Content Dissemination, Opportunistic Networks
- ❑ **Human Mobility**: Modeling, Sensing, Complex Systems
- ❑ **Data Privacy**: Mitigations, Implications