# Summer School on Internet-based Data Collection and Analysis

**Michael Birnbaum**  
**Ulf-Dietrich Reips**  
**Yury Shevchenko**

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<th>Wednesday Room M630</th>
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| 9:45 Birnbaum: Epistemology: Theory and Model testing  
11:15 Coffee break  
11:30 Reips: Internet-based experiments 1: Methods, WEXTOR.eu | 9:45 Shevchenko: Reproducible Science with lab.js and Open Lab  
11:15 Tea break  
11:30 All: Student presentations (OR Reips: Social Media and Big Data research) |  

14 Birnbaum: Basic concepts of Internet-based research  
15:30 Coffee break (all breaks in M631)  
16:00-17:30 Shevchenko & Reips: Mobile Experience Sampling (including stats apps), Samply, iScience.  

14 Reips: Internet-based experiments 2: Frequent errors, Best practices  
15:30 Joint boat ride to Meersburg, stroll in old town (options to talk to instructors about your projects)  

14 Birnbaum & Reips: Methodology; Open Science  
15:30 Coffee break  
16 All instructors: Joint discussion of issues in data collection and analysis, Q & A  
17 EXAM (30min, mostly students from Konstanz, who will not go to City tour)

19 Reception at City Hall, then dinner (L’Osteria?)  
19 Dinner in Meersburg overlooking the lake  
18 City tour from Harbor clock, then good-bye dinner (on your own)

## Summer School Topics
- Internet-based research
- Social Media
- Big Data
- Replicability
- Experimental design
- Mobile experience sampling
- Visualization
- Apps
- Optimal design
- Lab sessions
- Basic and advanced concepts
- Theory and model testing
- Practical applications

All instructors co-teaching and available for discussion and advice throughout the summer school.