

# **Course Topics**

- Tracking and Reproducing Problems
- The Scientific Method
- Making Programs Fail
- Isolating Failure Causes (automatically)
- Locating and Fixing Defects

"Why does my Program Fail?"

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## Your Lecturer

Andreas Zeller





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#### **Course Material**

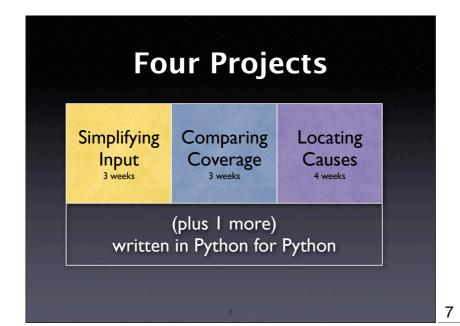
- Book "Why programs fail" <a href="http://www.whyprogramsfail.com/">http://www.whyprogramsfail.com/</a>
- Lecture slides, dates, links...
   <a href="http://www.st.cs.uni-sb.de/edu/adebug/2008/">http://www.st.cs.uni-sb.de/edu/adebug/2008/</a>



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## **Course Format**

- 15 lectures
- Four projects ("write your own debugger")
- Oral exams at end of semester



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