Dagstuhl — Compositional Design and Analysis

- **Monday**
  - Tutorial on compositional verification
  - Tutorial on compositionality

- **Tuesday**
  - Computational Reasoning about OO Software Evolution
  - Composition in your Web Bowser
  - How decomposition enhances security
  - Knowledge-based Synthesis of Control for Distributed Systems
  - A Variability-Aware Module System
  - Functional verification of distributed concurrent systems
  - Typical worst-case analysis of real-time systems
  - Compositionality for complex event processing and aspects
  - Compositional synthesis of distributed systems

- **Wednesday**
  - Modularity and Compositionality in embedded system design
  - Three cases of composition and a question

- **Workshops**
  - Verification of SPLs
  - Defining a general abstract notion of component

- **Thursday**
  - VeriFast: A Powerful, Sound, Predictable, Fast Verifier for C and Java
  - Abstract Symbolic Execution
  - Compositional Verification of Actors
  - Glue Synthesis in BIP

- **Friday**
  - Risk management meets model checking
  - Compositional behavioral modeling & verification with real time games
  - The road to feature modularity

- **Conclusions**
  - Product line workshop
  - Benchmark workshop
  - Discussion

Notes for Dagstuhl 12511
Divide and Conquer: the Quest for Compositional Design and Analysis
Dec 2012
http://www.dagstuhl.de/de/programm/kalender/semhp/?semnr=12511

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Arnd Poetzsch-Heffter

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Arend Rensink
Compositionality, huh?

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Participants
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http://www.cs.kuleuven.be/~bartj/verifast/