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Seminar aus Programmiersprachen

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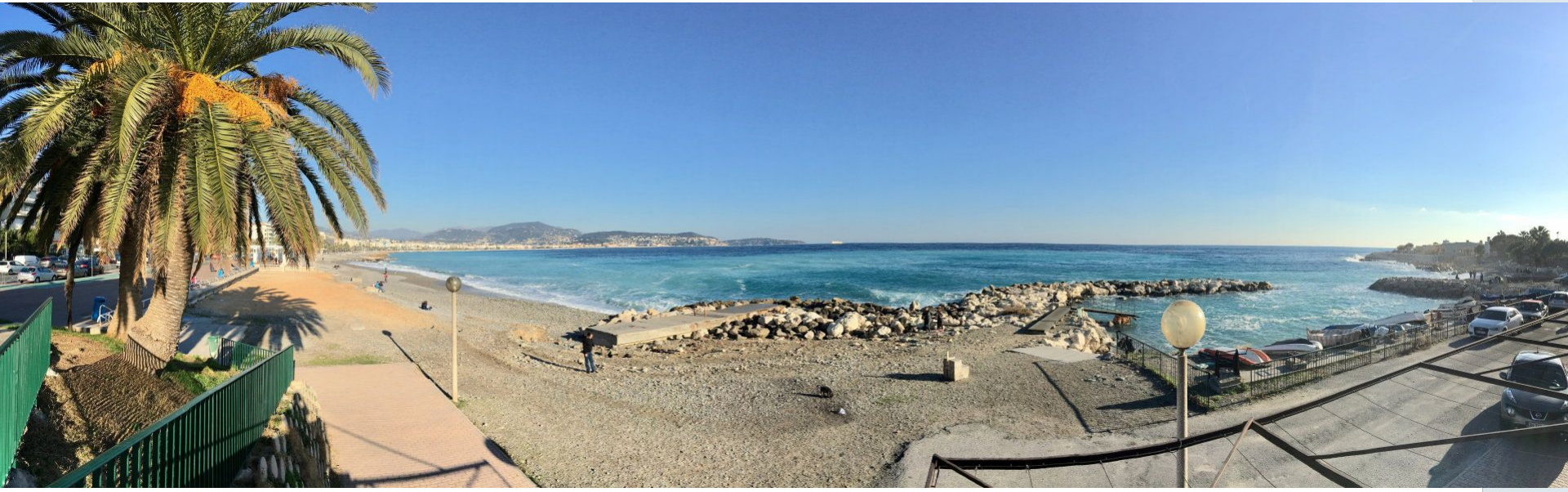
LVA 185.307

11.10.2018

Outline

- English?
- Topics
- Seminar course
  - Grading
- Your Turn
  - Dates
  - Topics

Programming 2018



- International Conference on the Art, Science, and Engineering of Programming
- since 2017
- journal-first

Programming of Configuration

- How to glue together different applications?
- Programming on system-level
- Description of configuration (specifications)
- Specifications are used to simplify configuration management

Elektra's Logo
http://www.libelektra.org

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Seminar Course

Ablauf

- Vorbesprechung
- Abgabe Paper (TUWEL)
- Abgabe Review (TUWEL)
- Workshops (Präsentationen)

Paper

- Umfang
  - Max. 6 Seiten (ohne Referenzen)
  - Min. 6 Referenzen
  - kurz halten, aber viel Inhalt
- Literaturrecherche verlangt
  - Related Work durchschauen
  - Weitere Papers suchen
- Sonstiges
  - Englisch (GB/US)
  - Veröffentlichung

Praktika

- Auch Abschlussarbeiten und Praktika über Configuration Management möglich
- Bitte mich anschreiben

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ECTS Breakdown

- 3 ECTS=75h
  - Anwesenheit: 10h
    (Vorbesprechung + 3 Termine zu je 3h)
  - Literaturrecherche: 14h
  - Paper schreiben: 30h
  - Review: 6h
  - Review einarbeiten: 10h
  - Präsentation vorbereiten: 5h

Benotung

- Alle Teile müssen positiv sein
- Gewichtete Ergebnisse von:
  - Paper 60%
  - Review 15%
  - Präsentation 25%
    (inkl. Mitarbeit, Chair, ...)

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Your Turn

Termine

- Ausarbeitung: Do, 08.11.2018, 06:00
- Gutachten: Do, 15.11.2018, 06:00
- Finales Paper: Do, 22.11.2018, 06:00
- Workshop 1: Do, 22.11.2018, 09:00 s.t. - 12:00
- Workshop 2: Do, 29.11.2018, 09:00 s.t. - 12:00
- Workshop 3: Do, 06.12.2018, 09:00 s.t. - 12:00

Themen

- Scoped Extension Methods in Dynamically-Typed Languages
- On the Effect of Semantically Enriched Context Models on Software Modularization
- Search-based Tier Assignment for Optimising Offline Availability in Multi-tier Web Applications
- Introspection for C and its Applications to Library Robustness
- Harmonizing Signals and Events with a Lightweight Extension to Java
- Proactive Empirical Assessment of New Language Feature Adoption via Automated Refactoring: The Case of Java 8 Default Methods
- Description Languages for Consistency Management Scenarios Based on Examples from the Industry Automation Domain
- Live Multi-language Development and Runtime Environments
- PIE: A Domain-Specific Language for Interactive Software Development Pipelines
- Lisp, Jazz, Aikido – Three Expressions of a Single Essence
- Language-integrated provenance in Haskell
- What we talk about when we talk about monads
- Towards Zero-Overhead Disambiguation of Deep Priority Conflicts
- Fast, Flexible, Polyglot Instrumentation Support for Debuggers and other Tools
- Deadlock-Free Typestate-Oriented Programming
- **Oder eigene Vorschläge im Bereich von Configuration Management**

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Thank you for your attention!

Questions?

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