



# International Software Architecture PhD School (ISAPS 2017)

The **International Software Architecture PhD School (ISAPS)** is a four-day intensive workshop that will provide young researchers and practicing architects from industry the opportunity to learn from the leaders in the field the most recent methods, tools, and theories produced by top research groups around the world and in industrial environments.

**For whom:**

For young researchers and practicing software architects.

**When:**

Tuesday June 6th, 2017 to Friday June 9th (full time)

**Where:**

The school is hosted by the *Lorentz center* on the campus of the *University of Leiden*, in The Netherlands, a short 30 minutes west of Amsterdam.

3rd Floor Oort Building, Niels Bohrweg 2, Leiden, Netherlands <https://www.lorentzcenter.nl/>

**School format:**

The format combines lectures on cutting-edge software architecture topics (mornings) with hands-on sessions on industrial cases (afternoons):

Day 1: The decision-making process in Software Architecture design.

Day 2: Software Architecture and continuous delivery - DevOps.

Day 3: The role of the software architect. Technical debt at the architectural level and metrics.

Day 4: Empirical methods used in Software Architecture research.

**Presenters and organizers:**

- **Len Bass** was a researcher at the SEI, then at the National ICT in Australia. He is the co-author of the best selling book *Software architecture in Practice*, and just published *DevOps: A Software Architect's Perspective*.

- **Ipek Ozkaya** is a principal researcher at the SEI, where she focuses on software economics, software architecture, technical debt and software vulnerabilities.
- **Anthony Tang** is associate professor at the Swinburne University in Melbourne; his interest is in software architectural design and design reasoning.
- **Roel Wieringa** is Professor of information systems at the University of Twente, specialized in the integration of formal and informal specification and design techniques.
- **Paris Avgeriou** is professor of software engineering at the University of Groningen.
- **Patricia Lago** is professor of software engineering at the Vrije Universiteit Amsterdam.
- **Philippe Kruchten** is professor of software engineering at the University of British Columbia in Vancouver, Canada.

#### **Accommodation:**

At the Hotel Van der Valk, a few minute walk from the Lorentz Center.

Haagse Schouwweg 14, 2332 KG Leiden, Netherlands <https://www.hotelleiden.nl/en/>

#### **Costs:**

For PhD students, costs are absorbed by donations from various companies and organizations, such as SIKS. There may be the possibility of a travel grant (depending on industrial sponsorship).

#### **Sponsorship:**

For questions about sponsoring, please contact Prof. Patricia Lago [p.lago@vu.nl](mailto:p.lago@vu.nl)

#### **Registration:**

Go to: <http://www.lorentzcenter.nl/lc/web/2017/875/info.php3?wsid=875>

#### **The Lorentz Center**

**Lorentz**  
**center**

The Lorentz Center is a Dutch national center for international workshops in all scientific disciplines. Its guiding philosophy is that innovative research thrives on interaction between creative researchers. Lorentz Center workshops focus on new collaborations and on interactions in highly diverse groups of researchers –

international and with different scientific viewpoints as well as seniority, gender, and culture.

The Lorentz Center receives structural financial support by Leiden University, and by the Dutch research councils Netherlands Organisation for Scientific Research NWO, Foundation for Fundamental Research on Matter FOM, and Technology Foundation STW.

In cooperation with SIKS ([www.siks.nl](http://www.siks.nl)).