WELCOME

Winter School on Engineering & Provisioning of Cloud Applications - Research and Entrepreneurship

Samuel Kounev
Würzburg, Feb 17th, 2015

RELATE FP7 Marie Curie ITN

Trans-European Research Training Network on Engineering and Provisioning of Service-Based Cloud Applications

Welcome to Würzburg

University of Würzburg

- Originally founded in **1402**, permanently reopened in **1582**
- Part of the U15 group of research-intensive German universities
- 14 Nobel laureates
- 2013/2014: 26.725 students

University of Würzburg

Agenda

- **Overview of the RELATE Project**

- Winter School Program

Project Consortium

RELATE FP7 Marie Curie ITN
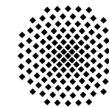Trans-European Research Training Network on Engineering and Provisioning of Service-Based Cloud Applications

- Interdisciplinary Research Training Network

- Funding 29 Researchers; Total Budget: 5,088,156.00 €

Associated Partners

Funded Researchers

- ▪ 29 RELATE fellows from 16 different countries

  - ▪ 23 Early Stage Researchers (ESR)

  - ▪ 6 Experienced Researchers (ER)

Nationalities

|	
Spanish	2
Iranian	1
Polish	2
Macedonian	1
Czech	3
South African	1
Brazilian	1
Colombian	2
Greek	9
Cypriot	1
Russian	1
Mauritian	1
Syrian	1
Algerian	1
Cuba	1
Ethopia	1
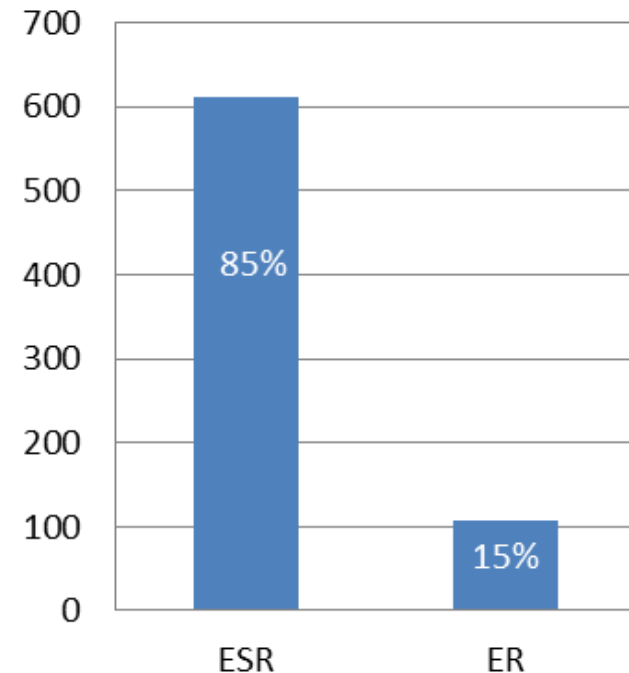
Events and Meetings

- 5 Multi-Skills Training Camps

- 12 Open Excellence Workshops

- 13 Supervisory Board Meetings

- 2 International Workshops

  - HotTopiCS 2013 co-located with ICPE 2013

  - RELATE Winter School 2015

- 14 local research training events

- 39 secondments

2012: MSTC and Mid-term Review in Karlsruhe
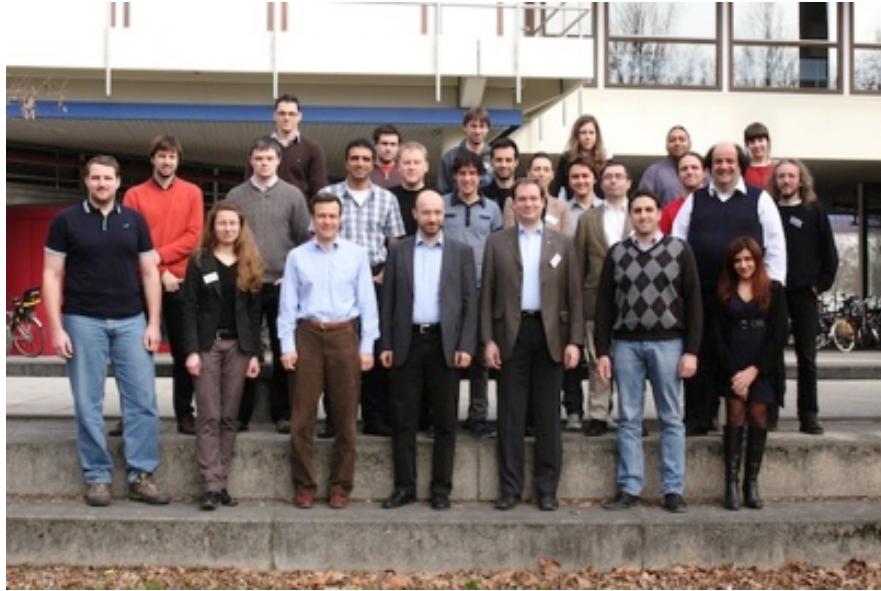
Karlsruhe, March 2012: 1st Multi-Skills Training Camp at KIT

Karlsruhe, December 2012: Mid-Term Review Meeting

2013: MSTC in Prague and London

Prague, April 2013
3rd Multi-Skills Training Camp at
Charles University Prague

London, Oct 2013
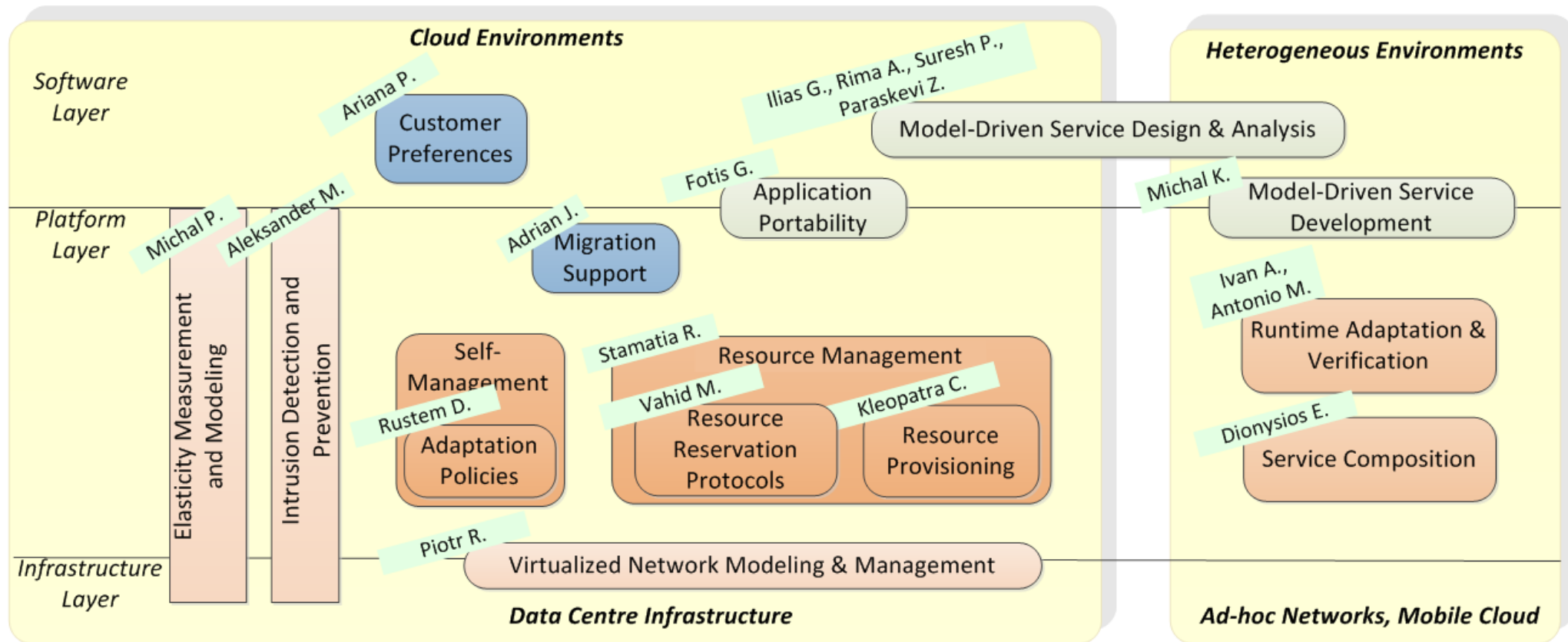4th Multi-Skills Training Camp at King's
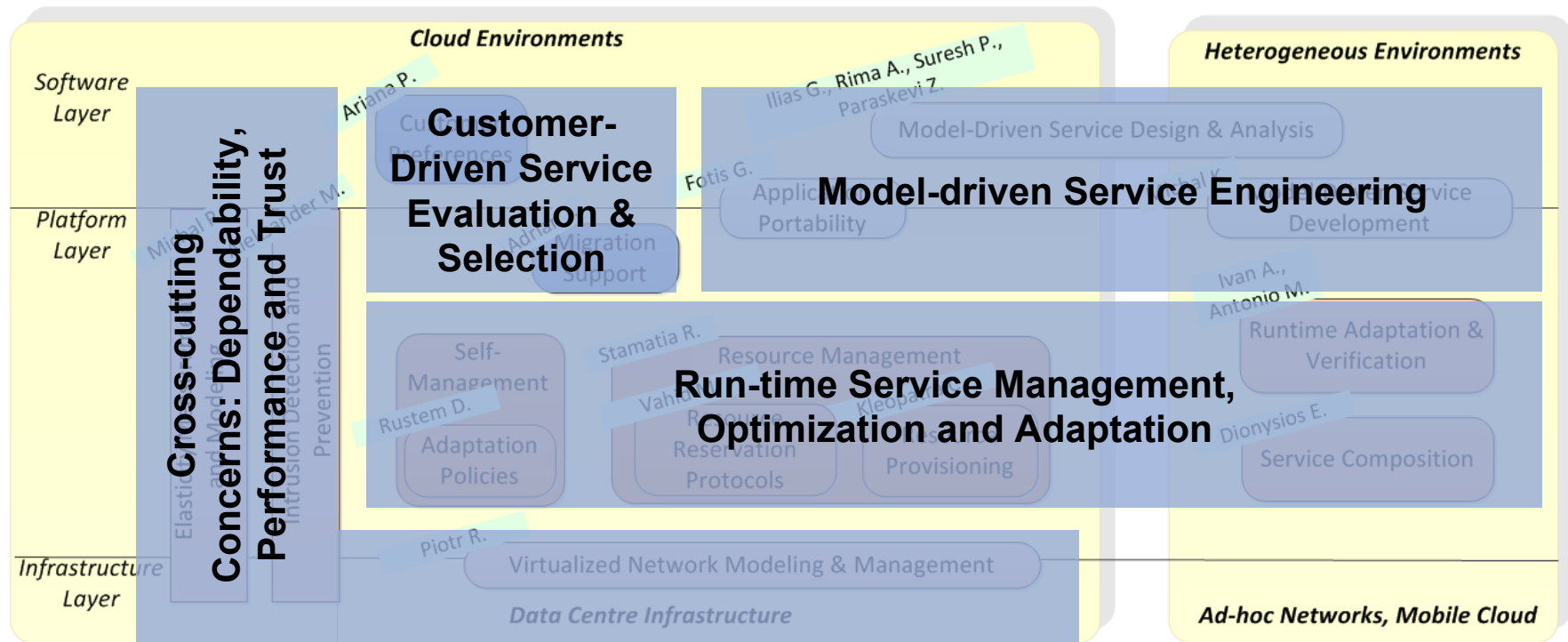College London

2014: MSTC in Rennes

5th Multi-Skills Training Camp, held in Rennes, 25-27 June 2014

RELATE Research Map

RELATE Research Map

Publications

- Books/Chapters: 7
- Conferences: 46
- Workshops: 22
- Journals: 10
- Technical reports: 14

Selected Fellow Awards

- **SPECtacular Award 2014** (A. Milenkoski) from the Standard Performance Evaluation Corporation (SPEC), Dublin, Ireland, 2014.

- **SPECtacular Award 2013** (A. Milenkoski) from the Standard Performance Evaluation Corporation (SPEC), Prague, Czech Republic, 2013.

- **Best Paper Award** (R. Dautov) at DSC 2012, Thessaloniki, Greece, 2012.

- **Best Poster Award** (R. Dautov) at 9th Summer School on Ontology Engineering and the Semantic Web, Cercedilla, Spain, 2012.

- **Best St. Paper Award** (K. Chatziprimou) at IEEE CloudCom 2013, Bristol, UK.

- **2nd Place at ACM Student Research Competition** (I. Gerostathopoulos) at ACM/IEEE MODELS 2014, Valencia, Spain.

- **3rd Place at ACM Student Research Competition** (A. Verdejo) at ACM/IEEE MODELS 2014, Valencia, Spain.

More at http://www.relate-itn.eu

Agenda

- Overview of the RELATE Project
- **Winter School Program**

Program Overview

Invited Keynote Speakers

1. Dienstag, 17.02. 13:30-14:30:
    "The Automation Cloud"
    Heiko Koziolek, ABB Corporate Research,
    Principal Scientist and Global Research Topic
    Coordinator, Industrial Software Technologies

2. Mittwoch, 18.02. 11:30:
    "Software Products vs. Cloud Services"
    Harald Müller, Vice President and Head of
    Cloud Management, SAP SE,
    Original Chief Product Owner for the SAP
   HANA Cloud Platform

Related Project Presentations

Related Project Presentations

1. **HEADS**: Heterogeneous and distributed services for the future computing continuum

2. **PaaSage**: Model-based cloud platform upperware

3. **Broker@Cloud**: Continuous quality assurance and optimization for cloud brokers

4. **DIVERSIFY**: Ecology-inspired software diversification

5. **ARTIST**: Advanced software-based service provisioning and migration of legacy software

6. **MODAClouds**: Model-driven approach for design and execution of applications on multiple clouds

7. **CloudScale**: Scalable service engineering
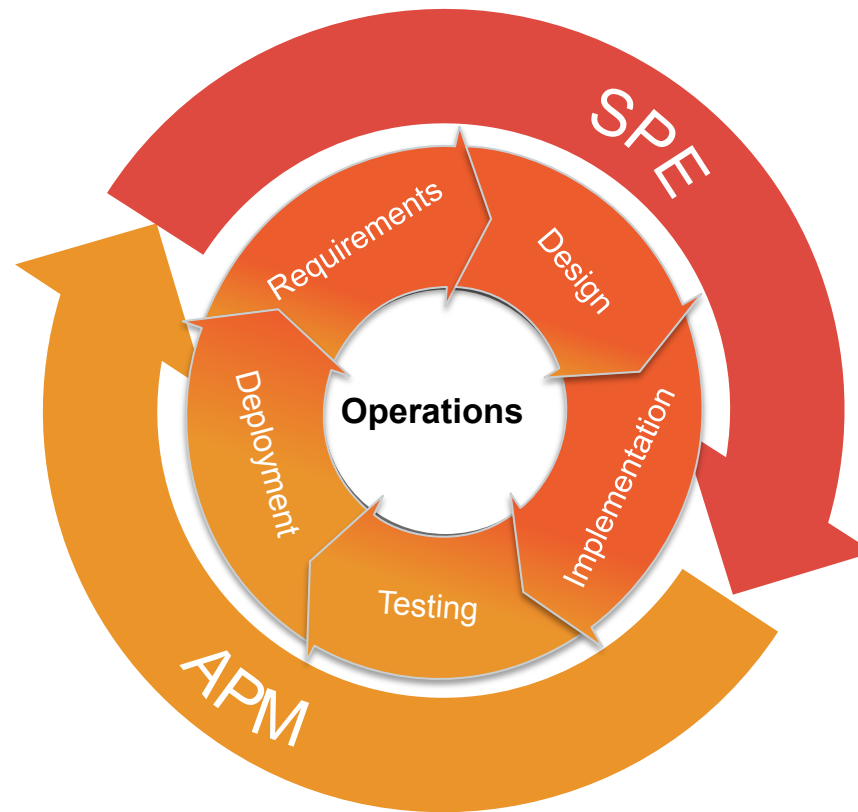
Mission: foster and facilitate research in combining **measurement-based** application performance management (APM) and **model-based** software performance engineering (SPE) activities for **business-critical application systems**.

http://research.spec.org/devopswg/

Enterpreneurship Day

Organizer: Spiros Alexakis (CAS Software AG, Karlsruhe)

Start-Up activities + initiation of intra- and extra-organisational innovation

Invited Speakers

1. Dr. Wassili Kazakos, Director Marketing & Sales, disy Informationssysteme GmbH

2. Anne Siebold, Start Up consultant

3. Dimitris Tsigos, President of YES – European Confederation of Young Entrepreneurs

4. Anmeldung: Saskia.Zocher@kit.edu

ENJOY!