Monday (19 Jan. 2015)	
7:30 – 8:30	Breakfast
8:30 – 8:45	Welcome by organizers
8:45 – 10:15	2-minute introduction by each participant
10:15 – 10:45	Coffee break
10:45 – 11:45	Introductory talk: Software engineering *Presenter: Samuel Kounev*
12:15 – 13:30	Lunch
13:30 – 14:30	Introductory talk: Resource management *Presenters: Tarek Abdelzaher and Arif Merchant*
14:30 – 15:30	Introductory talk: Modeling and analysis *Presenter: Marta Kwiatkowska*
15:45 – 16:15	Coffee and cake
16:15 – 17:15	Introductory talk: Autonomic computing *Presenters: Jeffrey O. Kephart and Hartmut Schmeck*
17:15 – 18:00	Discussion and planning of the next days
18:00	Dinner
Tuesday (20 Jan. 2015)	
7:30 – 8:45	Breakfast
8:45 – 10:15	**Session: Foundations, systematizations, and challenges** [Peter Lewis] *Types of Computational Self-awareness* (25 min.) [Ole Mengshoel] *Self-aware Computing: Integrating Evolution, Feedback, and Learning* (25 min.) [Tarek Abdelzaher] *Foundations and Limitations of Surrogate Sensing for Self-aware Computing* (25 min.)
10:15 – 10:35	Coffee break
10:35 – 12:05	Panel Moderator: *Xiaoyun Zhu* Panelists: *Ada Diaconescu* *Hank Hoffman* *Joost-Pieter Katoen* *Paola Inverardi*
12:15 – 13:30	Lunch
13:30 – 14:55	**Session: Design-time Analysis, Verification and Optimization** [Lars Grunske] *New Results on Property Specification Patterns* (15 min.) [Steffen Becker] *Design-Time Analysis of Properties of Self-Adaptive Systems* (15 min.) [Aleksandar Milenkoski] *Evaluating Security Mechanisms in Dynamic Virtualised Environments* (15 min.) [Javier Camara] *Analyzing Architecture-based Self-Adaptation via Probabilistic Model Checking* (15 min.) [Henry Hoffman] *A Case for Coordinating Accuracy-aware Applications with Power-aware Systems* (25 min.) [Anne Koziolek] *Interplay of Design Time Optimization and Run Time Optimization* (15 min.)
15:10 – 15:45	Joint discussion / Book planning
15:45 – 16:15	Coffee and cake
16:15 – 17:30	**Session: Self-Adaptation and Management** [Alexandru Iosup] *Self-* Datacenter Management for Business Critical Workloads* (15 min.) [Christian Becker] *Adapting the Adaptation Logic* (15 min.) [Holger Giese] *Software Engineering for Self-Adaptive Systems & Self-Aware Computing* (15 min.) [Martina Maggio] *Control Theory for Model-based Software Engineering* (15 min.)

	[Antonio Filieri] *Models in the Middle and Automated Control Synthesis: How to Improve a Software… Engineer* (15 min.)
17:30 – 18:00	Joint discussion / Book planning
18:00	Dinner

Wednesday (21 Jan. 2015)

7:30 – 8:45	Breakfast
8:45 – 10:15	**Session: Runtime Models**
	[Samuel Kounev] *The Descartes Modeling Language for Self-Aware Performance and Resource Management* (25 min.)
	[Ada Diaconescu] *An Extensible Model-driven Architecture for Controlled Self-organisation* (25 min.)
	[Nelly Bencomo] *The Role of Models@run.time for Self-Aware Computing Systems* (15 min.)
	[Kirstie L. Bellman] *How to Help Self-aware Systems to Build Their Own Models* (25 min.)
10:15 – 10:45	Coffee Break
10:45 – 12:00	Joint discussion / Book planning
12:15 – 13:30	Lunch
13:30 – 18:00	Social event
18:00	Dinner

Thursday (22 Jan. 2015)

7:30 – 8:45	Breakfast
8:45 – 10:15	**Session: Applications and Case Studies I**
	[Kurt Geihs] *Runtime Models for Dynamic Teams* (15 min.)
	[Joost-Pieter Katoen] *Zero-Defect Software in Space: A True Mission!* (25 min.)
	[Katinka Walter] *Analysis of Mobile Offloading Strategies* (25 min.)
	[Arif Merchant] *Optimizing Flash Allocation to Workloads in Google's Colossus File System* (25 min.)
10:15 – 10:45	Coffee break
10:45 – 12:00	Joint discussion / Book planning
12:15 – 13:30	Lunch
13:30 – 15:05	**Session: Applications and Case Studies II**
	[Giuliano Casale] *Model-Driven Load Balancing: Algorithms and Estimation Challenges* (15 min.)
	[Evangelia Kalyvianaki] *Fairness in Data Stream Processing Under Overload* (25 min.)
	[Heiko Koziolek] *Self-aware Computing in Industry 4.0* (15 min.)
	[K. R. Jayaram] *Towards Trustworthy Geo-Fenced Cloud Platforms* (25 min.)
	[Paola Inverardi] *Distributed Enforcement of Adaptive Service Choreographies* (15 min.)
15:05 – 15:45	Joint discussion / Book planning
15:45 – 16:15	Coffee and cake
16:15 – 18:00	Break-out groups / Book chapter discussions
18:00	Dinner

Friday (23 Jan. 2015)

7:30 – 8:45	Breakfast
8:45 – 10:15	Break-out groups / Book chapter discussions
10:15 – 10:45	Coffee break
10:45 – 12:00	Break-out groups / Book chapter discussions
12:15 – 13:30	Lunch
Departure	