

SCHEDULE.

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
09:00		Keynote 3	Keynote 6	Lean Startup Machine	Breakout Working Session Research Topics	Lean Startup Machine: Final Pitches, Awards
10:00		Morning Coffee	Morning Coffee	Lean Startup Machine	Lean Startup Machine	Coffee, Farewell
11:00		Keynote 4	Keynote 7	Lean Startup Machine	Lean Startup Machine	
12:00		Keynote 5	Keynote 8	Lean Startup Machine	Lean Startup Machine	
13:00	Welcome Address	Lunch	Lunch	Lean Startup Machine	Lunch	
14:00	Keynote 1	Breakout Working Session Research Topics	Lean Startup Machine	Lean Startup Machine	Lean Startup Machine	
15:00	Keynote 2	Registration Desk	Lean Startup Machine	Lean Startup Machine	Lean Startup Machine	
16:00	Coffee Break	Lean Startup Machine	Lean Startup Machine	Lean Startup Machine	Lean Startup Machine	
17:00	Poster Plurals	Lean Startup Machine	Lean Startup Machine	Lean Startup Machine	Lean Startup Machine	
18:00	Cocktail Reception	Lean Startup Machine	Lean Startup Machine	Lean Startup Machine	Lean Startup Machine	
19:00	Dinner	Lean Startup Machine	Lean Startup Machine	Lean Startup Machine	Lean Startup Machine	
20:00		Lean Startup Machine	Lean Startup Machine	Lean Startup Machine	Lean Startup Machine	

DRAFT PROGRAMME.

- Keynote/breakout track** – Learning from invited speakers presenting their views and/or research.
- Poster track** – presentation & discussion of conference submissions.
- Lean startup machine** – develop innovative ideas in a competitive startup pitching format.
- BMW HR:** interview track with development experts. Academic Career Coaching option.

ORGANIZATION.



July 9-14, 2017, Bad Wörishofen, Bavaria, Germany.

Venue
Hotel Steigenberger, Bad Wörishofen

Scientific Committee

- Paul Alibert (Bureau de Coopération Universitaire, french embassy)
- Martin Arend (BMW Group)
- Prof. Jörg Conradt (TUM)
- Cornelia Denk (BMW Group)
- Prof. Ulrich Finger (EURECOM), co-chair
- Thomas Goldbrunner (TUM)
- Prof. Jérôme Haerri (EURECOM)

- Prof. Andreas Herkersdorf (TUM), co-chair
- Prof. Benoit Huet (EURECOM)
- Prof. Patrick Loiseau (EURECOM)
- Prof. Jörg Ott (TUM)
- Hannemor Keidel (TUM)
- Reinhard Stolle (BMW Group)
- Mario Tokarz (BMW Group)
- Hans-Jörg Vögel (BMW Group)

Organizing committee

- Christine Astor (BMW Group)
- Cornelia Denk (BMW Group)
- Axel Honsdorf (BFHZ), co-chair
- Sebastian Herold (BMW Group)
- Antoinette Humeau (BFHZ)
- Doreen Huenteler (BMW Group)
- Bianca Kusterer (BMW Group)

- Valentina Nikolova (BMW Group)
- Stefanie Schindler (BMW Group)
- Stefanie Trautwein (BMW Group)
- Hans-Jörg Vögel (BMW Group), chair

Contact the organizing team at:
driveme2017@easychair.org

BMW SUMMER SCHOOL 2017.

DRAFT PROGRAMME.

Intelligent Cars on Digital Roads – Frontiers in Machine Intelligence.

DRIVE-ME

5th French-German summer school for PhD candidates and junior scientists.

July 9-14, 2017.
Bad Wörishofen, Bavaria, Germany.

Chair: Prof. U. Finger (Eurecom) & Prof. A. Herkersdorf (TUM)

<http://summerschool.bmw>

Organized by:

BMW GROUP



CENTRE DE COOPÉRATION UNIVERSITAIRE FRANCO-BAVAROIS



BAYERISCH-FRANZÖSISCHES HOCHSCHULZENTRUM

In Cooperation with:



MUNICH ACM SIGGRAPH CHAPTER

Co-funded by:



MOTIVATION.

Mobility is currently dominated by a number of powerful trends.

Urbanization and de-carbonization are calling for new concepts. Autonomous driving, electromobility, car sharing, and digital information and communication technologies have begun to fundamentally change the landscape.

Beyond sustainability, competition is increasingly focusing on all-encompassing service, maximized use of drive time, digital real-time economy and deep integration within the internet of things.

Under the hood, this is providing some exciting and challenging application areas for artificial intelligence. Beyond industrialization of advanced sensor technologies, advances in machine learning and computer vision are behind all but most breakthroughs in autonomous driving. Means to organize personal mobility and intelligently deliver a wealth of digital services along the way are skills to be developed by emerging Intelligent Personal Assistants. And cognitive capabilities are promising to let the robots in our cars interact with humans in a natural, intuitive way.

The future of intelligent vehicles has just begun – help shape it during this exciting summer school.

CALL FOR CONTRIBUTIONS

SOLICITED TOPICS.

- Advanced sensing and intelligent vehicle control
- Computer vision, complex scene interpretation, motion prediction
- Connectivity, cognitive cloud and machine learning at the edge
- Neuromorphic systems
- Learning strategies for personalisation and intelligent recommendations
- IoT, the realtime business, intelligent service architecture, and realtime data analytics
- Multi-Modal Interaction, Natural Language Understanding and Natural Language Generation
- Realtime Context Interpretation
- Data Privacy Protection, Privacy by Design, and Privacy Impact Assessment for Intelligent Systems



CALL FOR CONTRIBUTIONS

SUBMISSION DETAILS.

We are seeking multi-disciplinary interaction, hence are encouraging contributions from a broad number of fields such as software developers, engineers, digital transformation experts, data scientists, AI experts, psychologists, user interaction experts, designers, IoT evangelists, urban sociology and culture, business management / service management, multi-modal mobility, and futurologists.

Contributions will be as single poster to be presented during the summer school. The poster, a 1-page description of your research activities, a letter of motivation, together with a short CV is to be submitted to:

[Easychair DRIVEME2017](#)

Submission Deadline: extended to May 22, 2017

See the full call for contributions and details on submission and registration process, grant policy etc. online at: <http://summerschool.bmw>

Cooperation with German ACM Chapters

The BMW Summer School 2017 will be co-organized with the ACM Chapters [Computer Science in Cars Symposium](#). All submissions to the summer school will automatically be submitted to the symposium. A limited number of best poster slots will be eligible for conference fee waivers.

CALL FOR CONTRIBUTIONS