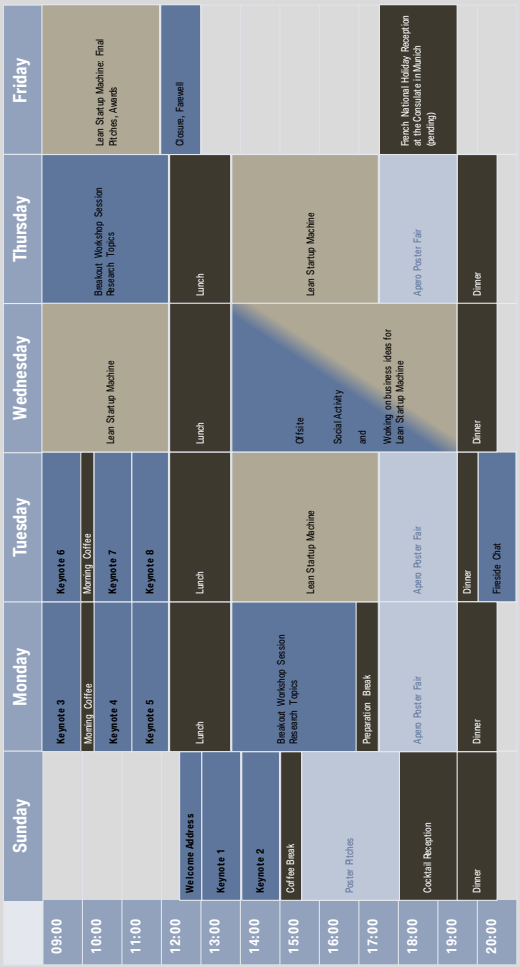
SCHEDULE.

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

Technische Universität München

CENTRE DE COOPÉRATION UNIVERSITAIRE FRANCO-BAVAROIS

BAYERISCH-FRANZÖSISCHES HOCHSCHULZENTRUM

EURECOM

In Cooperation with:

acm German Chapter

MUNICH ACMSIGGRAPH CHAPTER

BMW GROUP THE NEXT 100 YEARS

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.

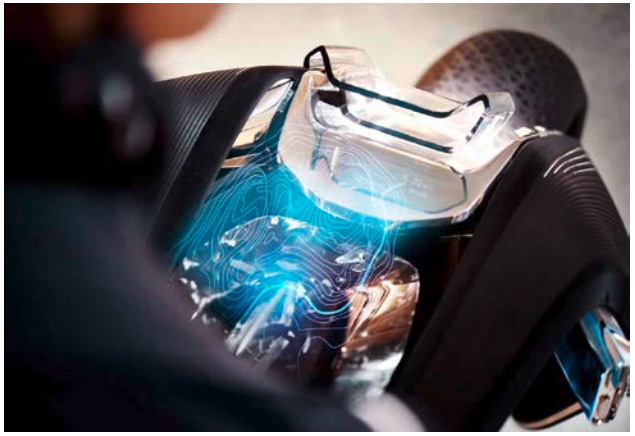
Beyond sustainability, competition is increasingly focusing on all-encompassing service, maximized use of drive time, digital real-time economy and deep integration within the internet of things.

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.

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 Assesment 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