

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	Open: 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	Lunch	Lunch	
14:00	Keynote 1	Breakout Working Session Research Topics	Lean Startup Machine	Orbita	Lean Startup Machine	
15:00	Keynote 2	Registration Break		Social Activity and Working on business ideas for Lean Startup Machine	Lean Startup Machine	
16:00	Coffee Break				Lean Startup Machine	
17:00	Poster Plots	Agenda Poster Fair	Agenda Poster Fair	Agenda Poster Fair	Agenda Poster Fair	
18:00	Cocktail Reception	Dinner	Dinner	Dinner	Dinner	
19:00						
20:00						

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- 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:



In Cooperation with:



Co-funded by:



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All speakers and titles subject to change.

Sunday, July 09, 2017.

Plenary Session

- 12:30 - 13:00 Welcome Address
- 13:00 - 14:00 Prof. Björn Schuller, Uni Passau & Imperial College
"Affective Computing on the Road"
- 14:00 - 15:00 Prof. Eyal Amir, CEO, Parknav; Co-Founder AI-Incubate; &
University of Illinois at Urbana-Champaign
"Intelligent Parking"
- 15:00 - 16:00 Prof. Stephan Scherer, Assoc. Director of Neural Information
Processing, Institute for Creative Technologies, USC
"Behavior Analytics and Machine Learning"
- 16:30 - 18:00 Poster Pitches

Evening

- 18:00 - 19:30 Cocktail Reception

Monday, July 10, 2017.

Plenary Session

- 09:00 - 10:00 Industry Keynote: Mobileye; Gaby Hayon, SVP R&D
- 10:15 - 11:00 n.n.
- 11:15 - 12:00 Prof. Stephan Sigg, Aalto University
"Device-Free Activity Recognition"

Breakout Sessions

- 14:00 - 17:00 Parallel workshops, breakout into smaller groups, interactive.
Topics and moderators: see separate programme.

Poster Fair

- 17:30 - 19:30 Apero Poster Fair

Fireside Chat

- 20:00 - 21:00 Prof. Jörg Ott, TUM; Prof. Ahmed Helmy, UF CISE
Academic Career Discussions

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Tuesday, July 11, 2017.

Plenary Session

- 09:00 - 10:00 Prof. Daniel Cremers, TUM
"Computer Vision for Self-Driving Cars"
- 10:15 - 11:00 Prof. Fadi Kurdahi, University of California, Irvine
"Self-Aware Chips and Systems"
- 11:15 - 12:00 Prof. Jörg Conradt, TUM
"Neuromorphic Systems"

Lean Startup Machine

- 14:00 - 17:30 Sprint 1 - Lean Startup Machine

Poster Fair

- 17:30 - 19:30 Apero Poster Fair

Fireside Chat

- 20:00 - 21:00 Reinhard Stolle, Vice President Artificial Intelligence,
Machine Learning, BMW Group

Wednesday, July 12, 2017.

Lean Startup Machine

- 09:00 - 16:30 Sprint 2 - Lean Startup Machine

- 17:00 - 19:00 Stephan Meier, Author
New/lost human wisdom vs super-size-AI

Fireside Chat

- 20:00 - 21:00 Stephan Meier, Author
Reading from „NOW“

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All speakers and titles subject to change.

Thursday, July 13, 2017.

Breakout Sessions

- 09:00 - 12:00 Parallel workshops, breakout into smaller groups, interactive.
Topics and moderators: see separate programme.

Lean Startup Machine

- 14:00 - 17:30 Sprint 3 - Lean Startup Machine

Poster Fair

- 17:30 - 19:30 Apero Poster Fair

Friday, July 14, 2017.

Lean Startup Machine

- 09:00 - 12:00 Lean Startup Machine: Final Pitches, Awards

Plenary Session

- 12:00 - 13:00 Closure, Farewell

The BMW Summer School will be organized in three tracks:

Keynote/breakout track - Learning from invited speakers presenting their views and research.

Poster track - presentation & discussion of conference submissions.

Lean startup machine - develop innovative ideas in a competitive startup pitching format.

The summer school 2017 is set up under the umbrella of the German French Academy for the Industry of the Future between TUM and IMT.

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Breakout Sessions Programme.

Monday, July 10, 2017.

Breakout Sessions 14:00 - 17:00

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| Session M1 | Matthias Hense and Martina Schollmeyer, BMW Group
“Privacy – Legal Framework and Technological Challenges” |
| Session M2 | Jane Vita, Digitalist Group and Thomas Herlin, EIT Digital
“Introduction to Design Thinking” |
| Session M3 | Jan Göpfert, ID-Consult and The Association of German Engineers VDI
„Mastering Complexity and Customer Requirements Variability in Product Development Processes“ |
| Session M4 | t.b.a. |

Thursday, July 13, 2017.

Breakout Sessions 09:00 - 12:00

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| Session T5 | Prof. Jörg Conradt, TUM
“Neuromorphic Systems Lab” |
| Session T6 | Susanne Müller, Munich School of Philosophy
“The Enhanced Human. Will We Need a New Self-concept Between Automated Cars and a Super Intelligent Environment?” |
| Session T7 | Priv.-Doz. Florian Röhrbein, Program Director Human Brain Project Neurorobotics and Florian Walter, TUM
“Neurorobotics” |
| Session T8 | t.b.a. |