

# SCHEDULE.

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
09:00		Keynote 3	Keynote 6			Lean Startup Machine: Final Pitch, Awards
10:00		Morning Coffee	Morning Coffee		Breakout: Workshop Session Research Topics	
11:00		Keynote 4	Keynote 7			
12:00		Keynote 5	Keynote 8			
13:00	Welcome Address	Lunch	Lunch		Lunch	Coffee, Farewell
14:00	Keynote 1	Breakout: Workshop Session Research Topics	Lean Startup Machine		Lean Startup Machine	
15:00	Keynote 2	Registration Break		Office Social Activity and Working on business ideas for Lean Startup Machine		
16:00	Coffee Break					
17:00	Poster Pitching					
18:00	Cocktail Reception	Agenda Poster Fair	Agenda Poster Fair		Agenda Poster Fair	
19:00	Dinner	Dinner	Dinner		Dinner	
20:00			Farewell Chat			

## 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 29-Aug 03, 2018, Raitenhaslach, Bavaria, Germany.

**Venue**  
Akademiezentrum Raitenhaslach

**Call for Contributions**  
<https://easychair.org/cfp/EVA-2018>

### Scientific Committee

- Prof. Elisabeth André (UNA)  
**Martin Arend** (BMW Group), co-chair  
 Asaf Adi (IBM)  
 Prof. Klaus Bengler (TUM)  
 Prof. Jonas Beskow (KTH)  
 Prof. Jörg Conradt (TUM)  
 Kynan Eng (iniVation)  
 Florian Eyben (audEERING)  
**Prof. Ulrich Finger** (EURECOM), co-chair  
 Prof. Jérôme Haerri (EURECOM)  
**Prof. Andreas Herkersdorf** (TUM), co-chair

- Prof. Benoit Huet (EURECOM)  
 Ann Morrison (USQ)  
 Samer Al Moubayed (Furhat Robotics)  
 Prof. Jörg Ott (TUM)  
 Hannemor Keidel (TUM)  
 Prof. Björn Schuller (UNA)  
 Loren Schwarz (BMW Group)  
 Reinhard Stolle (BMW Group)  
 Prof. Jacques Terken (TU Eindhoven)  
 Prof. Raphaël Troncy (Eurecom)  
 Hans-Jörg Vögel (BMW Group)

### Organizing committee

- Paul Alibert (Bureau de Coopération Universitaire, french embassy)  
 Christine Astor (BMW Group)  
**Axel Honsdorf** (BayFrance), co-chair  
 Sebastian Herold (BMW Group)  
 Alizée Bertrand (BayFrance)  
 Marco A. Salazar Gonzalez (BMW Group)
- Michael Meurer (BMW Group)  
 Kathring Seibold (BMW Group)  
 Stefanie Schindler (BMW Group)  
 Stefanie Trautwein (BMW Group)  
**Hans-Jörg Vögel** (BMW Group), chair
- Contact the organizing team at:  
[driveme2018@easychair.org](mailto:driveme2018@easychair.org)

# BMW SUMMER SCHOOL 2018.

DRAFT PROGRAMME.

## Intelligent Cars on Digital Roads – Frontiers in Machine Intelligence.

EVA-2018 – Emotion-Aware Vehicle Assistants  
 6<sup>th</sup> French-German summer school for PhD candidates and junior scientists.

July 29-Aug 03, 2018.  
 Raitenhaslach, Bavaria, Germany.

Chair: M. Arend (BMW Group), Prof. U. Finger (Eurecom),  
 Prof. A. Herkersdorf (TUM)

<http://summerschool.bmw>



In Cooperation with:



MUNICH ACMSIGGRAPH CHAPTER

Co-funded by:



# PROGRAMME.

All speakers and titles subject to change.

## Sunday, July 29, 2018.

### Plenary Session

- 13:00 - 13:30 Welcome Address by Hannemor Keidel, TUM; Ulrich Finger, Eurecom; Olivier Metz, Université Franco-Allemand
- 13:00 - 14:00 n.n.  
"Opening Speech"
- 14:00 - 15:00 Mohsen Kaboli, TUM  
"AutoTac: Toward the Sens of Touch in Autonomous Vehicles"
- 15:00 - 16:00 Muriel Lang, TUM  
"Modelling humans as a dynamic, hierarchic systems"
- 16:30 - 18:00 Poster Pitches

### Evening

- 18:00 - 19:30 Cocktail Reception

## Monday, July 30, 2018.

### Plenary Session

- 09:00 - 10:00 Industry Keynote: Alexander Zadorojniy, IBM Research Lab Haifa
- 10:15 – 11:00 Prof. Björn Schuller, Universität Augsburg  
"Affective Computing – State of the art"
- 11:15 – 12:00 Florian Eyben, audEERING  
"Advanced Voice and Language Analysis"

### Breakout Sessions

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

### Poster Fair

- 17:30 - 19:30 Apero Poster Fair

### Fireside Chat

- 20:00 - 21:00 Prof. Jörg Ott, TUM; Prof. Jacques Terken, TU Eindhoven  
Academic Career Discussions

# PROGRAMME.

All speakers and titles subject to change.

## Tuesday, July 31, 2018.

### Plenary Session

- 09:00 – 10:00 Keynote: Prof. Peter Robinson, Cambridge  
"Computing with Emotions"
- 10:15 – 11:00 Prof. Elisabeth André, Universität Augsburg  
"Affective Computing – how machines become likeable"
- 11:15 – 12:00 Quentin Stafford-Fraser, Cambridge  
"Emotion in vehicle drivers"

### 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 Rene Wies  
Vice President Group IT: Connected Vehicle,  
Digital Backend, Big Data  
BMW Group
- Patrick Duvaut  
Directeur de l'innovation, IMT

## Wednesday, August 01, 2018.

### Lean Startup Machine

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

- 18:00 Midweek Social Evet

# PROGRAMME.

All speakers and titles subject to change.

## Thursday, August 02, 2018.

### 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, August 03, 2018.

### 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 2018 is set up under the umbrella of the German French Academy for the Industry of the Future between TUM and IMT.**

# DRAFT PROGRAMME.

All speakers and titles subject to change.

## Breakout Sessions Programme.

### Monday, July 30, 2018.

#### Breakout Sessions 14:00 - 17:00

- |            |                                                                                                                                                                         |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Session M1 | Dr. Ann Morrison, University Southern Queensland<br>"Sensate Environments"                                                                                              |
| Session M2 | Jane Vita, Digitalist Group<br>"Introduction to Design Thinking"                                                                                                        |
| Session M3 | Loren Schwarz, BMW Group<br>„Machine Learning methods for Preception, Cognition<br>and Planning tasks in autonomous vehicles“                                           |
| Session M4 | Susanne Müller, Munich School of Philosophy<br>"The Enhanced Human. Will We Need a New Self-<br>concept Between Automated Cars and a Super Intelligent<br>Environment?" |

### Thursday, August 02, 2018.

#### Breakout Sessions 09:00 - 12:00

- |            |                                                                                    |
|------------|------------------------------------------------------------------------------------|
| Session T5 | Michal KümmeI, BMW Group<br>"The emotion of NOW: Intelligent Mobility Services"    |
| Session T6 | Christine Astor, BMW Group<br>"Health tech – keeping your (emotional) balance"     |
| Session T7 | Thomas Hubregtsen, BMW Group<br>"Savvy, canny, witty – building your own chatbots" |
| Session T8 | Woflgang Wörndl<br>"Interactive Recommender Systems in Mobile Scenarios"           |