



# Newsletter *January 2019 (3<sup>rd</sup> edition)*

## *Ingolstadt: 1<sup>st</sup> International Autumn School on INDUSTRY 4.0*

*September 2018:* The 1<sup>st</sup> International Autumn School organized by AWARE offered a broad insight into the topic Industry 4.0 for professors and students from the university EAFIT (Colombia) and the AWARE university partners UFPR and UFSC. Besides lectures on Industry of the Future, Logistics 4.0, internet security and Retail 4.0, the participants visited companies like Kaufland, Siemens and BMW as well as the Fraunhofer Institute in Augsburg and University of Applied Sciences Weihenstephan-Triesdorf in order to explore the practical aspect of the topic. A 2<sup>nd</sup> edition of the event is scheduled in 2019 at UFPR in Curitiba.

## *Joinville: U4i-Workshop on “Universities for Industries of the Future”*

*October 2018:* At its new campus in Joinville located in a business park, UFSC implemented a workshop with more than 200 students, researchers and companies' representatives. THI professors discussed with speakers from the industry, e.g. BMW and KUKA, how to transfer knowledge and competencies from universities to the economy. Between the presentations and discussions, participants had the chance to get in contact with representatives from the industry with the aim to create a first exchange platform between UFSC and local companies.



*Professor Harald Göllinger, Scientific Director of AWARE at U4i-Workshop with a KUKA demonstration robot © THI*

## *Curitiba: Spring School “Automotive Engineering and Management”*

*November 2018:* The second time in its history, UFPR offered a two-week Automotive Spring School, which was funded by DAAD and followed the example of the THI Summer School. THI professors gave lectures and accompanied the participants on their excursions to the Renault and Volvo plants.

[Have a look on our video!](#)



## *Buenos Aires: Automotive Innovation Forum*

*November 2018:* AWARE is starting its first exchange activities on automotive innovation with Universidad Tecnológica Nacional (UTN) in Argentina. Therefore, a delegation of six THI researchers visited the Faculty of Automotive Engineering in Buenos Aires in order to discuss current automotive research projects and identify joint research interests such as electric mobility, vehicle safety, industry 4.0 and material composites. The event was funded by Bayerische Forschungsallianz (BayFOR).

## *AWARE Presents its Publication 2017-2019 and a New Logo!*

*December 2018:* After the success of our first AWARE publication for the years of 2013-2016, the AWARE team published a second edition for 2017-2019. The four main topics - entrepreneurship, internationalization at universities, transfer of knowledge and innovation to economy and to society – are described and analyzed by experts from both perspectives, Germany and Brazil.

By giving several best practice examples from AWARE, the topics are filled with innovative practical approaches for successful strategic partnerships. [Take a look and enjoy the read!](#)



*AWARE publication 2017-2019 © THI*

## *Transfer to Society: “Third Mission”*

THI and Katholische Universität Eichstätt-Ingolstadt (KU) have recently received funding in order to implement the Third Mission project “Mensch in Bewegung” (2018-2022). Whereas Third Mission is a relatively new task for German universities, Latin-American universities gathered experience in transfer of knowledge and technologies to society for decades. This is why Third Mission was finally included in Agenda 2019+ of AWARE. First measures have already been realized in 2018: The Brazilian research assistant of

CARISSMA, Matheus Zimmermann, presented virtual reality glasses developed by CARISSMA in order to test pedestrian behavior in different traffic situations at the SEPEX week, a yearly event at UFSC campus where main results and success stories in teaching, research and further outreach are shown to a broad public.

*Participants of the International Autumn School INDUSTRY 4.0 – Connected World © THI*

## Be AWARE 2018 - Get Connected!

*Welcome – Willkommen – Bem-vindos!*

<b>Double Degree Master of UFPR &amp; THI in Ingolstadt</b>	Abdul Kadri Hoffmann
<b>Double Degree Master of UFSC &amp; THI in Ingolstadt</b>	Maikol Drechsler
<b>Research stay at UFPR</b>	Maximilian Kiehl
<b>Research stay at Lactec, Curitiba</b>	Anuj Sinha Christian David Kortright Barbosa Divyam Bhavsar
<b>Research stay at UFSC</b>	Julia Herde
<b>Research internship at THI in Ingolstadt</b>	Thaís Blasi
<b>Internship at Continental in Manching</b>	Gabriel Ruschel Leonardo Strozzi
<b>Internship at SPARKS in Ingolstadt</b>	Thaís Lage de Almeida



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