

Newsletter February 2023 (11th Edition)

Have a look on our review of past events and latest news on upcoming projects and opportunities within the AWARE network:

Recap 2022

I. New German-Brazilian Research Project „2LIFEBAT“ in Energy Sector

In January 2023, a new DAAD project in the program NoPa 2.0 between THI (Prof. Sergej Diel) and partner universities in Germany (University of Duisburg-Essen) and Brazil (Instituto Federal de Santa Catarina, Universidade Federal de Santa Catarina, Universidade Federal do Amazonas) has started on the topic “Robust solar powered storage systems with second-life batteries and their economic and ecological potential”. The main goal of the project is to create a research network between the involved partners for further cooperation.



Technische Hochschule
Ingolstadt



[Read more about the project here](#)

II. AWARE Center on Air in Brazil

AWARE Center's Scientific Director Prof. Harald Göllinger and UFSC AWARE Coordinator Prof. James S. Eger presented the AWARE cooperation between UFSC Joinville and THI to the local radio channel in Joinville - "Radio Educativo 105,1 FM". Listen to the full interview with the professors under the link below: [FALA, CTJ! #12 - COOPERAÇÃO INTERNACIONAL UFSC JOINVILLE E UNIVERSIDADE TÉCNICA DE INGOLSTADT \(THI\) • Fala, CTJ! \(spotify.com\)](#)



III. AI Researchers from Brazil and Finland visit THI

In November 2022, professors from University of São Paulo (USP) visited THI within the frame of the project AI@motion International. The participants exchanged their ideas on research topics with a focus on artificial intelligence and possibilities for research funding to explore joint projects. Previous to this workshop, a delegation of researchers from Turku University of Applied Sciences (TUAS) travelled from Finland to THI within the same project. The overall goal of the meetings is to foster joint research in AI and mobility topics.



[Read about the visit here](#)



IV. 2nd AI@motion Challenge: Winners visit USP in Brazil

After winning the 2nd AI@motion Challenge, THI students Andreas Riegler and Diogo Luz had the opportunity to travel to Brazil and visit the University of São Paulo (USP) where they participated at the International Symposium of Scientific and Technological Initiation SIICUSP. Their visit helped strengthening AWARE Center's international ties to Brazil as the agenda included networking with students and professors from USP.

The students had the opportunity to present their research to and gather feedback from USP students with different academic backgrounds, including computer science, social sciences and psychology, and sustainability. Back at THI, the Center of Entrepreneurship will mentor the two innovators to explore further development of their ideas. Thank you very much to Prof. Marcio Lobo Netto from USP for hosting them for a week.

[Read about the challenge winners](#)

V. Completion of the project AI@motion International

After nearly two years, the project AI@motion International, funded by the DAAD initiative HAW.International, came to an end. The project was designed to foster international exchange of researchers in Artificial Intelligence and Mobility from THI with international partners in Brazil, China and Finland. Researchers, students, and company representatives participated in this two-years journey, gathering new contacts and engaging in joint research projects. The project team likes to take the opportunity to say thank you to everyone who participated in the project's activities and wish all of the researchers involved continuous fruitful cooperations!

[Read about the project's activities](#)



VI. Spring School in Brazil

In September 2022, the enGlobe project funded by DAAD organized a Spring School on mobility topics at UFSC Joinville campus with lectures and visits from local companies such as BMW, Pollux and Magna. The 2-day workshops with students and professors from UFSC and THI covered topics such as "Industrial IoT", "Automotive Intralogistics", "Applications of Machine Learning" and "Entrepreneurship Challenge".

[Learn more about the Spring School here](#)

Preview 2023

Upcoming Events:

I. Spring School 2023

Four THI students will travel to California in March 2023 to attend an International Spring School at AWARE Partner San José State University (SJSU). Prof. Dr. Wolf-Dieter Tiedemann (THI) and Prof. Dr. Jon Pearce (SJSU) will guide the students and develop innovative solutions for the enGlobe partner company SRI International in a digital study project. This project will be carried out virtually and the SJSU students are able to present their final solutions at the end of the semester in Ingolstadt together with the students from THI.

Stay connected to our website!

Welcome to AWARE:

Our eng.join! Scholars
Studies abroad at THI



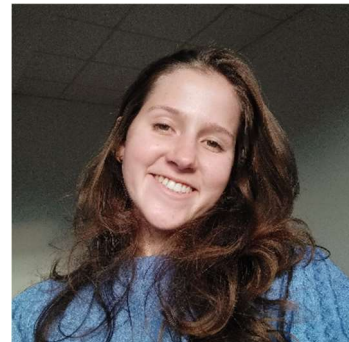
**Luiz Eduardo
Prince Goehr**

Bachelor Student
Aerospace Engineering
(UFSC, Joinville)



**Kevin Bordin de
Lima**

Bachelor Student
Automotive Engineering
(UFSC, Joinville)



**Heloisa Rosá
Panini**

Bachelor Student
Aerospace Engineering
(UFSC, Joinville)

Our enGlobe Scholars
Research stay at THI



Leonardo Barbosa da Silva

Master Student in
Electrical Engineering
(UFPR, Curitiba)

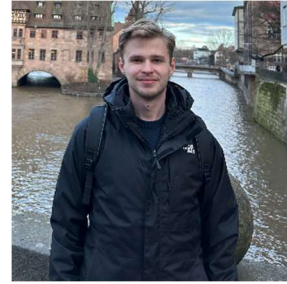
With Prof. Dr. Christian
Facchi and Silas Correia
Lobo



Gabriel Gubert

Master Student in
Electrical Engineering
(UFPR, Curitiba)

With Prof. Alessandro
Zimmer



Leonardo Novicki Neto

Master Student in
Electrical Engineering
(UFPR, Curitiba)

With Prof. Werner Huber

Our BAYLAT Scholars
Research stay at THI



Jaqueline dos Santos Silva

Master Student in Electrical Engineering
(UFPR, Curitiba)

With Prof. Alessandro Zimmer



Melissa Becker

Bachelor Student in Electrical Engineering
(UFPR, Curitiba)

With Prof. Ondrej Vaculin

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