

## Newsletter March 2022 (9<sup>o</sup> edition)

The AWARE team is happy to be back with our 9th newsletter filled with a review of past events from the second half of 2021 and the latest news about upcoming activities and opportunities in projects held with our partners in Germany, Latin America, China, and Finland.

### *Recap 2021*



### **I. 1st International AI@motion Network Conference**

On 15th and 18th of November 2021, the very first International AI@motion Network Conference took place successfully!

Researchers and companies with a focus on AI and mobility met in person at THI and online. There were various opportunities

To celebrate the anniversary and give an outlook to future plans, the then Bavarian State Minister for Science and the Arts, Bernd Sibler visited THI.

The conference was organized as part of the DAAD-funded project AI@motion

and formats for participants to get to know each other and talk about their research fields and ideas - with the aim of building a regional and international network on Artificial Intelligence.

A big thank you to our regional partners - from Research in Bavaria, EDAG, evocortex, Pinette PEI, and TrajectoriX – as well as international partners – from University of Sao Paulo (USP), Pontifical Catholic University of Paraná (PUCPR), Federal University of Pará (UFPA), and South China University of Technology (SCUT) - for participating and making the event a success and a suitable kick-off to collaborate in the future

The conference was part of the International AI Science Week at THI, with talks for interested citizens through our basci.net events, and was co-located with the one-year anniversary of THI's AI and mobility hub "Almotion Bavaria".

[Read the review of the International AI@motion Network Conference](#)

International. Some of the international speakers got funded by the project to visit THI for a week to participate in person at the network conference and meet the regional companies and THI's researchers.

Stay tuned, a 2nd International AI@motion Network Conference will take place at the end of this year. If you want to find out more about our international AI & mobility network and how you can come to THI to meet our AI researchers, read about the project AI@motion International and various networking activities.

[Find out more about the project AI@motion International here](#)

## II. eMobility Spring School

This event took place 08th - 11th of November 2021 as one week of digital lectures, industry presentations, networking activities, and applied projects in the fields of eMobility, Sustainability in eMobility, and more. Excellent industry-experienced professors from UTN Facultad Regional General Pacheco, Universidade Federal de Santa Catarina, Universidade Federal do Paraná, Technische Hochschule Ingolstadt and leading experts from the industry shared their knowledge and experience and gave an overview of the newest eMobility trends in Latin America and Germany and many more related topics.

## III. AWARE+SHARE

On the 11th, 18th and 25th of November, we had our event series AWARE+SHARE with sessions organized by the AWARE Center to present its partners and show their potential for exchange and synergies. Participants gained up-to-date insights into various fields of AI research future mobility technologies, current challenges, and the technology level in Germany, Brazil, Argentina and Colombia.

- Speakers from Technische Hochschule Ingolstadt, the company Airbus Defence and Space, and Universidade de São Paulo (Brazil) held lectures about AI and Mobility and its future potential.
- Professors from Technische Hochschule Ingolstadt, Universidade Federal do Paraná (Brazil) and Universidad EAFIT (Colombia) talked about Industry 4.0 and its future prospects.

## IV. AWARE and enGlobe Program

The AWARE team is very happy that despite the Covid19 pandemic we still manage to accept international students, who have the opportunity to gain international experience and conduct their research projects!



In the winter term 2021/22 THI welcomed five new students from our partner universities, who have received the scholarships within the AWARE programs enGlobe and eng.join!

Two students came from the Federal University of Parana (UFPR), Isabella Wosniack is doing her master thesis research together with Professor Alessandro Zimmer. Yuri Poledna is doing research under the Electrical Engineering master program. Murilo Brunazzo Medeiros, Vitória Tessari and Eduarda Lucion Tasca participated as exchange students from the Federal University of Santa Catarina (UFSC) and study Aerospace Engineering/Automotive Engineering.

[Learn more about enGlobe opportunities here](#)

Also, we are pleased to announce, that the AWARE team was able to get an extension of the eng.join! program for another 2 years (2022-2024). Soon we will once more receive 3 UFSC students, that start their exchange semester on October 1st, 2022, a with a funding period of 5 months. In 2023 3 THI students will have the opportunity to spend one semester at UFSC Joinville.

Find more information on how to apply and become an exchange student in the eng.join! program of Universidade Federal de Santa Catarina (UFSC) and THI below

[Find out more about eng.join!](#)



## Groupe Renault do Brasil project successfully completed

In November within the enGlobe project, 3 professors from Universidade Federal do Paraná together with the 2 professors from THI and 7 UFPR undergraduate students presented the Digital Study Project during their final week at THI.

The project was started last year together with the AWARE partner Groupe Renault do Brasil focusing on 2 challenges at the Renault Plant: building an AGV control center (data on DataBase) and improving Data Science routines and indicators. The project was successfully completed and performed with the results of an industry solution.

The enGlobe project provides opportunities for students and researchers from Latin America and Germany to get scholarships for their research projects. And a new application period for scholarships is starting soon!

[Find out more about enGlobe project](#)

*Preview 2022*

**Upcoming enGlobe events:**



**I. New Call for Incoming Scholarships for Master/Ph.D. Thesis or Internships at THI will be made available in March/April 2022**

- Eligible are Brazilian Master or Ph.D. Students from our Partner Universities UFSC and UFPR
- The funding period for the Master Research will be October 2022 – February 2023
- Ph.D. Research can be conducted from September 2022 through February 2023
- Monthly scholarship rate for Master students €861 and Ph.D. €1200
- In addition, a travel allowance of €1575 will be granted

[More information on past experiences of researchers](#)

**II. Digital Study Project between Technische Hochschule Ingolstadt & San José State University & SRI International started in February 2022**

To foster the enGlobe cooperation of AWARE and THI with the San José State University in California and the industry partner SRI International the first Digital Study Project was launched in February 2022. In June a delegacy of 4 students, 1 SJSU professor, and 1 representative of the SRI will visit THI to present the final phase of the project.

**III. Scholarships for Thesis / Internship at partner companies of THI students In Brazil & Argentina are available NOW!**

**APPLY until March 31st, 2022**

[Find all the information here](#)

**IV. A Spring School will take place at our Partner University UFSC Joinville in September 2022 together with industry partner Pollux Automation and further network members**

Further information will soon be published on the AWARE website and our [LinkedIn Page](#)

**Aware upcoming updates**

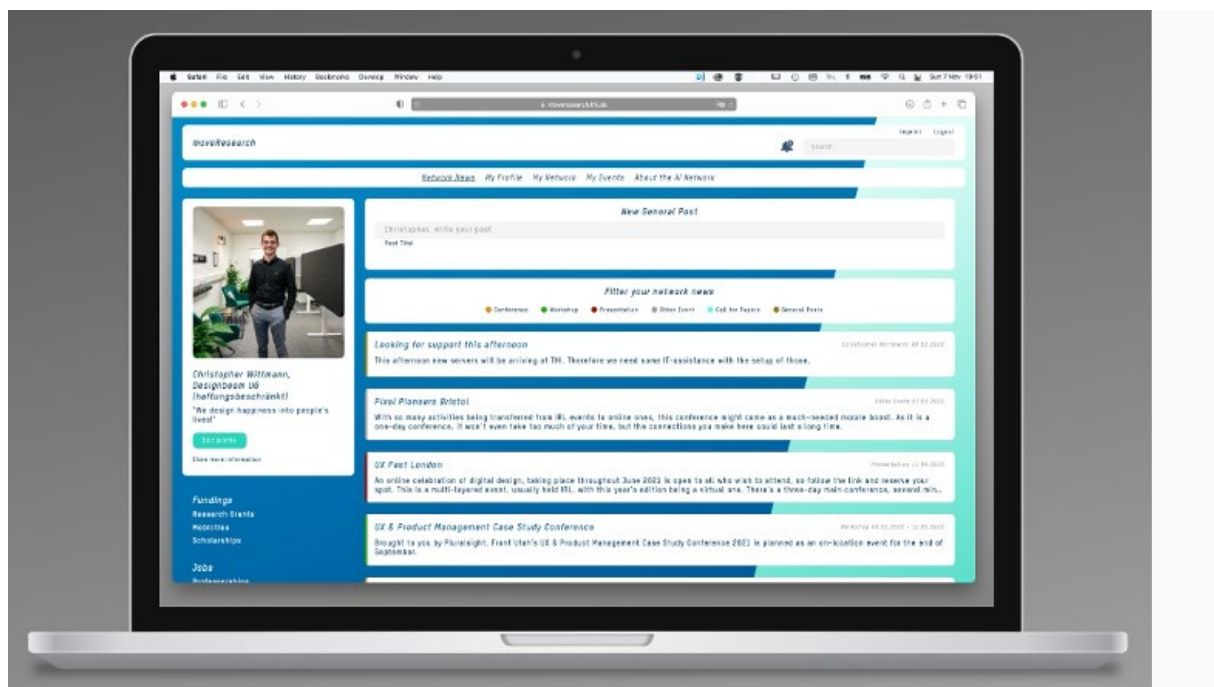
moveResearch platform to be launched in the coming quarter

The new platform moveResearch enables THI researchers, especially those related to Artificial Intelligence, to network with colleagues from partner countries and institutions.

The platform was developed as part of the DAAD project AI@motion International. It is intended to offer the opportunity of concrete exchange among researchers, to define projects, and to point out events. It also offers the possibility to view information on funding and support measures for own mobilities, research, or onboarding.

All THI scientific staff will have access to the platform automatically; all other members by invitation only. We will inform you separately once moveResearch is launched.

If you have any questions, please contact [tanja.schulze@thi.de](mailto:tanja.schulze@thi.de)



Meet our three eng.join! fellows, students from UFSC Joinville from Brazil who did a semester abroad at THI. Despite the pandemic, students could manage their studies effectively and enjoyed their stay in Ingolstadt. Have a look at their reports which tell about their experience [here](#)

See more about eng.join! and its scholarship offers for students of THI below

Scholarship offer for THI students

Always receive the latest news about the AWARE Center on our official LinkedIn page!

Follow us on LinkedIn!

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