



Students can register now for this year's EuroTeQ collider!

Dear members, friends and supporters of TUM: Junge Akademie,

If new approaches are to be trailed in established successful systems, it is typically advisable to experiment and polish them prior to scaling up to the entire system.

At TUM, we are constantly grappling with the question of how the required skills profiles of our graduates need to develop and which formats in teaching and university life we can use to create these in the best possible way. Besides teaching disciplinary facts and skills, this also includes developing attitudes, communication skills, empathy, and the ability for respectful co-creation, paired with curiosity and enthusiasm as essential drivers of creativity, motivation, and enjoyment.

Since it was founded, TUM: Junge Akademie has provided us with a powerful field of experimentation and polishing of formats with creative, intelligent, self-organizing, and enthusiastic minds that give us valuable impetus for shaping our work. Today, one remarkable example of the created impact is the challenge-based teaching format EuroTeQ Collider, which would certainly not have been so successful in shaping the EuroTeQ Alliance if we had not gained valuable experience and insights into the opportunities and foottraps of challenge-based learning by important pilots at our universities. Many thanks for this to all former and current scholarship holders and all minds at TUM: Junge Akademie! The paths you have paved in an avant-garde way are now scaling into large numbers of students. By the way, the current EuroTeQ Collider is entering the final planning phase. The project weeks kick off on Friday, 12 April, and will conclude on 17 May. In collaboration with partners from industry, the students will form teams to tackle real-life challenges and acquire valuable skills in the process. Today, more than ever, we know that these skills are essential for our future in order to understand social processes, implement innovations for the benefit of society, and design sustainable value-creation processes, in short, to link the traditional learning categories of disciplinary facts, skills, and competencies with the attitudes, communication skills, empathy and ability for respectful co-creation needed to

shape the future. The theme of the current Collider is "Enhance connections for sustainable futures" and comprises the three categories "People," "Nature," and "Technology." The best teams will ultimately participate in the EuroTeQathon, a competition at the European level that will take place in Paris from 8 to 10 June. In addition, three teams from each partner university will be invited to a boot camp at the end of July at the IESE in Barcelona, where they will be trained in the entrepreneurial implementation of their solution. Do you somehow recognize the basic idea of the TUM: Junge Akademie, and can you imagine how you inspired us to shape the Collider? Also, here, students are encouraged to expand their interdisciplinary skills, work in teams with different stakeholders, and focus on socially relevant challenges with unclear, very open solution spaces and often wicked questions.

With its freedom to think and experiment in open spaces, TUM: Junge Akademie traditionally is the partner for quick solutions outside of daily tasks, from helping refugees over our current activities and shaping innovative formats of intercultural communication, clearly embedded in the history of our country to our communication of science to the public, to mention some examples. By the way: "StreetScience" at the Zamanand Festival will take place on 1 and 2 June this year, organized by TUMJA.

I wish you an enjoyable spring and an excellent start to the 2024 summer semester.

Greetings from TUM and TUM: Junge Akademie.

Yours sincerely,

Gerhard Müller

TUMJA-News



Students join an interdisciplinary team and work on real-life challenges.

Join in! 5 Weeks of Challenge-based Learning

EuroTeQ Collider 2024

TUM has joined forces with five other leading scientific and technical universities to support innovative engineering education throughout Europe. Join the EuroTeQ Collider – a challenge-based learning format over 5 weeks. Explore how you can “ENHANCE CONNECTIONS for sustainable futures.” Register **by March 31** via TUMonline.

[read more](#)



Register now for the TUM
Campusrun!

Running GLOBAL

Campusrun on May 15, 2024

On May 15, the TUM Community will start running again! For the 10th time, TUMJA, together with TUM4health invites you to the legendary TUM Campusrun.

You can't participate on-site? No problem – the virtual TUM Campuslauf is also going into the next round. Run 24 hours before the actual starting signal, no matter where you are, and be part of the worldwide TUM running community!

[read more](#)



As in 2018-2019, we are
organizing a TUM booth at
Munich's largest street festival.

Public Engagement at the Zamanand Festival

StreetScience on June 1-2, 2024

It's StreetScience time again! On June 1-2, TUM professors and doctoral students will take their research to the streets. We are thrilled by the wealth of exciting topics! From survival on Mars to 3D printing a pet dwelling - the topics couldn't be more diverse. Visit us at Munich's big street festival "Zamanand" in the heart of the city and immerse yourself in the world of science.

[read more](#)



Congratulations to the new BoM
representatives!

New Heads for the Board of Members

In January, the TUMJA Board of Members (BoM) elected the heads of BoM. The new representatives are Maximilian Josef Frank, Liza Sanablidze, and Nicolas Ian Lugger, all three scholarship holders from #class24. Congratulations!

Many thanks to Ruy Yee Loke, Johann Nikolaides Ioannis, and Stefan Lehner, our former heads of BoM.

[read more](#)

Alumni presented



Dr. Martin Rothbucher

Dr. Martin Rothbucher – COO at Kinexon

in an interview with Lucia Arens and Joshua Fehn

Martin Rothbucher is an alumnus of the predecessor program of the TUM: Junge Akademie – “Erfahrene Wege in die Forschung” – and has been a dedicated tutor and member of the TUMJA Advisory Board. Martin studied teaching at vocational schools at TUM, specializing in electrical engineering and mathematics. After his studies, he earned his doctorate in electrical engineering at the TUM Chair of Data Processing. Martin currently works as COO industries at Kinexon. In an interview with our scholarship holders Lucia and Joshua, he gives an exciting insight into his career and the role TUMJA has played in it.

[read the interview](#)

Project News from #class24



Nicolas Lugger, Vicente Algaba Martínez, Verena Aures, Olivia Jarosch, Maja Benning, Omar Rashed (from the left)

GMOs - a health hazard or a climate savior?

communicaTUM

Team communicaTUM is currently researching everything to do with food security and the influence of science communication on opinion formation.

[read more](#)



Needs of the visually impaired

EfficiAID

Exploring innovative ways through a questionnaire to empower the visually impaired to navigate through public spaces more easily.

[read more](#)

Team EfficiAID during the kick-off weekend at the Ammersee



Poster of Team MEiNunG

MEiNunG on BR-Forum and #deRSE24 Conference

MEiNunG

We are currently collecting access to databases of news articles in machine-readable form. We attended a BR-Forum and presented a poster on the #deRSE24 conference to get into networking and see alternative solutions to analysing moral stances or contexts in text.

[read more](#)



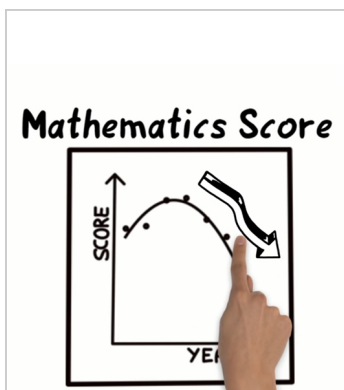
Planting Health

"It's complicated"

Planting Health

We scrapped our idea of working on terrariums and plants, and are instead re-orienting towards clean energy.

[read more](#)



Introduction Video of Team PRISMatrix

Exploring perspectives on PISA 2023 results

PRISMatrix

Our team is interviewing experts, exploring newspapers and literature to map controversial opinions and give an overview on reasons for the declining mathematical performance observed in PISA 2023.

[read more](#)

[Project News from #class23](#)

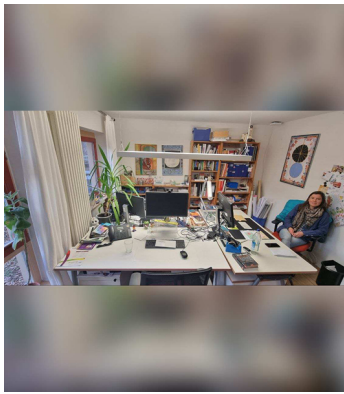


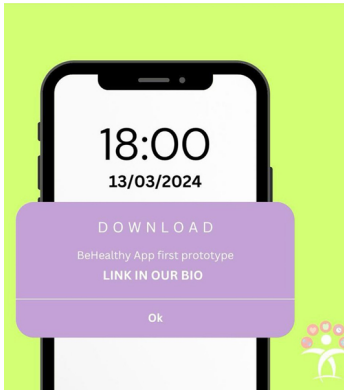
Photo riddle of team ERIK*A

WE ARE ON A HOME STRETCH

*ERIK*A*

What does the picture have to do with our project? That's a good question. And you'll soon find the answer in our project report. We're already in the writing phase and our biggest problem is that we've written too much text and have to cut it down.

[read more](#)



Test the prototype!

Introducing our app first prototype!

Healthy Habits

Be the first to test it and start building healthy habits: [Apple users](#) (click) - Android users: fill out [this form](#) and watch for our email.

[read more on Instagram](#)



Somnoactive with the KNUST International Programmes Office in Ghana

Back from our visit to KNUST, Ghana!

Somnoactive

The ten days in Kumasi were packed with new and exciting experiences: working on the study, spending time with KNUST students and faculty and exploring the culture and nature in Ghana.

[read more](#)



Poster of Team Tick Talkers

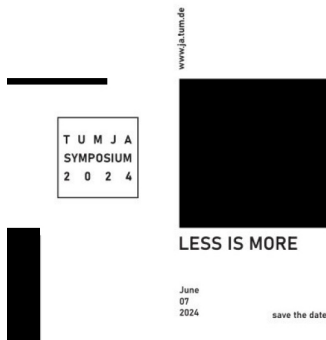
Finishing the predictive model and writing our reports

Tick Talkers

In the past couple of weeks, we have been working on the predictive part of our model, especially collecting climate forecast data and made progress on the journalistic as well as scientific report.

[read more](#)

Taskforce News



Less is more is the theme of the Symposium of #class23

Do you already have June 7th saved in your calendars?

Symposium

That's when this years TUMJA Symposium takes place, and the Taskforce is working hard to make it a great evening!

[read more](#)



TUMJA at Lenbachhaus

TUMJA goes culture...

Event

...twice last Wednesday: TUMJA members visited the TURNER exposition, with a follow-up with curator Dr. Nicolas Maniu. Many thanks for having us! The Bayerische Staatsoper with "Alice im Wunderland" made the day. Wonderful dancers, amazing ballet. Active scholarship holders, alumni, supervisors, and staff attended a colorful and fascinating performance.

[see more pictures on instagram](#)

Save the Date @ TUMJA

March 31 [Deadline EuroTeQ collider](#) - Registration via TUMonline and TUMJA wiki

Apr 12 - May 17 [EuroTeQ collider project weeks](#)

Apr 26-28 Intermediate Evaluation I & IV

May 14 EuroTeQ Collider at [TUM Global Week](#)

May 15 [TUM Campus Run](#)

May 16 [Fireside Chat](#)

June 1-2 [StreetScience at Zamanand Festival](#)

June 7 [TUMJA Symposium #class23](#)

Save the Date @ Partners

TUM Graduate School: [PrepDoc program](#)

You have a passion for research and consider a doctoral degree from your Alma Mater, TUM? Would you like to know how to approach a potential supervisor and explore the various paths to a doctorate? Look no further than the PrepDoc program, offered by the TUM Graduate School, designed to provide invaluable insights into planning for your doctorate. [more](#)

TUM English Department: Literature and Creative Courses

Poetry and Design [more](#)

Literature, Technology and Society [more](#)

English Through Cinema [more](#)

English for Nerds: Learning through SciFi and Fantasy [more](#)

Site notice

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