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TUMJA Weekend Seminar in October 2023

## Dear members and friends of the TUM: Junge Akademie,

Since the appearance of ChatGPT and other global drivers of Artificial Intelligence, the question of authorship of texts has arisen. Is Gerhard Müller speaking to you now, or is it the algorithm of Sam Altman and his innovators? As a reader, you must live with the uncertainty of not knowing. But I'll gladly tell you it's me, letting my fingers fly over the keyboard.

On the other hand, the question arises as to the difference in effect: should it be an algorithm that composes a text from my keywords, with which my "outsourced I" would welcome you to the new newsletter of our support program for young scientists and encourage you to read it. Would you value, interpret, and read the text differently, or would you primarily like to be entertained appealingly?

Our new cohort of around 40 young #class24 scholars from all disciplines will start developing their project ideas for their student research projects at the end of November. In doing so, they may ask themselves this very question, as the call of the cohort is: What makes us human? We were allowed to read about 130 essays from the applicants\* addressing this question. There are excellent theses and arguments among them, which inspire us and make us curious about the new projects, especially the bright minds behind them.

In parallel, #class23, with 31 scholarship holders, has developed five research questions at the halfway point under its umbrella theme "Less is more," which will not only connect them with stakeholders in the Munich City Society network but will also take them to São Paulo (Team TUMANYwords) and Kumasi at KNUST (Team Somnoactive). It will be the first time the students can pose and test their questions in an international context.

They will be financially supported by the TUM Association of Alumni and Friends, advised by the Global Office staff, and partly supported on-site by the TUM Liaison Officers. I would also like to take this opportunity to promote the TUM Association of Alumni and Friends membership, which has been supporting researchers, especially students and doctoral candidates, for decades.

I want all readers to have some interesting insights into the inner world of TUM: Junge Akademie and our long-standing industrial partners Pixida and QuantCo, whom I would like to thank at this point on behalf of the scholarship holders and alumni for their trust and openness. I look forward to both of them renewing the partnership again on 1 October 2023 and to the innovative and creative formats of the collaboration.

I wish all students and colleagues a good start to a successful winter semester 23/24.

Yours sincerely,  
Gerhard Müller

## TUMJA-News



Application Flyers for  
TUMJA #class24

TUMJA #class24

### The Application for #class24 has officially closed!

We have received over 130 exciting applications that show great enthusiasm for science. The applicants come from all TUM Schools as well as from our partner university *Akademie der bildenden Künste*.

[Read more](#)



Our industrial partners

## Pixida and QuantCo extend the collaboration with TUMJA

We are delighted that our industrial partners, Pixida and QuantCo, will continue supporting TUMJA. On October 1, we extended our cooperation with the two companies for another year.

[Read more](#)



TUMJA Industrial Partner Pixida GmbH

TUMJA Industrial Partner Pixida

## Upcoming Pixida In-House Workshop

Pixida's in-house event on October 17 in their Munich office will be an insightful workshop. Each project team of #class23 will pitch its idea and the current project plan to a group of Pixida experts from different fields. Scholarship holders and alumni of TUMJA are cordially invited to participate.

[Read more](#)



Meet TUMJA at the TUM Student Club Fair on October 25!

Meet us!

## TUMJA at TUM Student Club Fair

We will present TUMJA at this year's TUM Student Club Fair. It takes place on October 25 on the TUM Campus Garching. Meet our scholarship holders at the TUMJA booth!

[Read more](#)



Writing Workshop "Stilblüten"

TUMJA Wordshop 2023

## Writing Workshop "Stilblüten"

Newbies welcome! The literary writing workshop TUMJA is currently running under the title

"Stilblüten." Interested students, alumni, and staff from all departments at TUM can still participate!

[Find out more](#)



TUM4Mind: Mental Health Awareness Weeks

TUM4Mind

## Mental Health Awareness Weeks

The virtual TUM4Mind awareness weeks for students will again take place from November 6 to 17. Impulse workshops provide insights into the topics of relaxation & mindfulness, personal development & self-management, and dealing with mental stress and illness – organized by TUM4Mind.

[Read more](#)

## Alumni presented



TUMJA alumnus  
Moritz Werb

Alumni presented

## Moritz Werb

Moritz Werb is an alumnus of the TUMJA class of 2013. He began his bachelor's degree at TUM in 2010 and subsequently completed his master's degree in mechanical engineering, specializing in medical technology, also at TUM. After graduating, Moritz went to Denmark for his first job. A few weeks ago, he moved from Copenhagen to Tianjin in China. Read about his project at TUMJA and his experiences abroad, and get insights into the Scandinavian corporate culture.

[Read the interview](#)

## Project News from #class23



Health Habits App

## Picture your healthy journey

Our app, BeHealthy, will be launched soon! But until then, don't be sad - you can already follow our Instagram account @behealthy\_tum for some inspiration and motivation to get started. By following, you will be the first to know when the app is launched.

[View more on Instagram](#)



Somnoactive is looking for participants!

Somnoactive

## Somnoactive is looking for participants!

Did you sleep well tonight? If not, you're not alone. About one fifth of students in Germany have trouble sleeping. We want you! Participate in our study on sleep improvement measures! It starts on November 2.

[Register now!](#)



Tick Talkers Team

Tick Talkers

## Working on Pottery and Ticks

Discover how Bavaria's changing climate and human activity intersect with the rise of Lyme disease – Tick Talkers unravels the mystery with groundbreaking research.

[Read more](#)



Team  
TUMANYwords

TUMANYwords

## After the test is before the test

After completing the qualitative user experience pre-tests with the current website, our team is working on the mock-up and the quantitative tests. This path might lead us to a whole other continent...

[Read more](#)

## Taskforce News



TUMJA Science  
Hackathon

CAP

### Be prepared for the next Science Hack!

We are already preparing for our next Science Hackathon, where industry partners and university chairs offer exciting challenges. We are currently looking for partners for that. Are you interested?

[View more](#)



Picture: Kunsthalle  
München

Event

### Taskforce Event mixing party with culture.

Taskforce Event organized the summer party in July at the TUM campus in Garching, which was a great success. While that was more of a relaxed event we also offered the opportunity to get some cultural insights: in August, we went to the Flowers Forever exhibition at Kunsthalle. This exhibition was part of the Flower Power Festival which is taking place in Munich this year. Our campus run was also part of that festival. ;)

[Taskforce Event](#)



TUMJA Merchandise

Marketing

### Creative Design for Merchandise and Marketing

Together with the Office Team, Taskforce Marketing is currently working on creative ideas for Social Media and cool new Merchandise for the TUMJA-Family.



[View more](#)



TUMJA Mentoring:  
Kick-Off and Closing  
Event in June 2023

Mentoring

## 15 Tandems in the New Mentoring Cycle

With 15 new mentoring tandems, class23's mentoring cycle had a great start! After mentors and mentees got to know each other in the last weeks, they can now discuss academic questions as well as personal topics.

[View more](#)



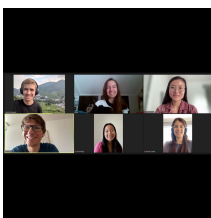
Active TUMJA  
members as well as  
alumni are involved  
in the Selection  
Days.

Recruiting

## Ready for the Selection Day?

We are still preparing for the Selection Days for #class24 on October 20-21. Who will be our new scholarship holders?

[View more](#)



Symposium Team

Symposia

## Symposium Planning Sets in Motion

The planning of the Symposium 2024 has begun - exploring possibilities, shaping concepts, and making initial decisions.

[View more](#)

## Save the Date @ TUMJA

October 17: **Pixida Inhouse-Workshop**

October 20-21: Selection Days #class24 at TUM Campus Munich

October 25: **TUMJA @ TUM Student Club Fair at TUM Campus Garching**

October 27: **TUMJA @ TUM Prelude**

November 6-17: **Mental Health Awareness Weeks** with TUM4Mind

November 24-26: Kick-off for #class24 and Intermediate Evaluation III for #class23 at Wartaweil

December 12: TUMJA Wordshop "Stilblüten" – Reading

May 7, 2024: TUM Campus Run 2024

May 24-26, 2024: **TUM Science Hackathon 2024**

June 7, 2024: Symposium of #class23

## Save the Date @ Partners

October 17, 19:30 - 21:00 CET: Acatech am Dienstag: **Vom Nutzen der Pilze** – wie Pilzbiotechnologie unsere Wirtschaft nachhaltig transformieren kann. Online via Zoom!

October 24, 18:00 CET: Treffpunkt Wissenschaftskommunikation, Thema: Wie müssen wir – die Wissenschaftskommunikation – auf ChatGPT und Nachfolger reagieren? Mit Prof. Olaf Kramer (Uni Tübingen), Dr. Elisabeth Hoffmann (Uni Köln), Prof. Otfried Jarren (Uni Zürich). Online! [Anmeldung per Mail](#)

October 24, 19:30-21:00 CET: Acatech am Dienstag: **Künstliche Photosynthese**: Die Vision – und ein Weg dorthin. Online via Zoom!

November 7, 11:00-16:30 CET: Acatech Themenkonferenz: **Werkstoffe – Wertstoffe – Rohstoffe**. Beitrag von kreislauffähigen Werkstoffsystemen zu einer resilienten und nachhaltigen Rohstoffversorgung. Amerikahaus München, Karolinenplatz 3, 80333 München.

November 7, 19:30-21:00 CET: Acatech am Dienstag: **Roboter, Künstliche Intelligenz und der Mensch**. Online via Zoom!

November 9: 3rd Nobel Sustainability Trust Summit of the Nobel



Sustainability Trust Foundation (NST), together with the TUM Institute for Advanced Study (TUM-IAS), at Bayerische Akademie der Wissenschaften, Munich. [More](#).

November 17-19: [HackaTUM](#)

**Site notice**

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