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Rückblick auf 2022

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

The year 2022, which was successful for the TUM: Junge Akademie and very difficult from an overarching perspective, is drawing to a close.

We have all learned how sensitive global interconnectedness is and that a war in close proximity is once again part of our everyday life. Three years of Corona, the effects of the Anthropocene and the destruction of lives, dreams of life, belongings and property in Ukraine, confront us with questions that seemed remote just a few years ago.

This makes it all the more important for us to work together at TUM. Every day, across generations and with all our talents, we create scientific findings and solutions for a wide range of burning questions. In doing so, we keep an eye on the full spectrum from the smallest component to huge, complex interacting systems.

Supporting this spirit, the #class23 was launched on the weekend of November 18-20, 2022 in Wartaweil on the Ammersee, who will now work on research questions under the call "Less is More?" over the next 20 months. A warm welcome to the 39 new scholarship holders and their tutors and supervisors. The exchange with you in Wartaweil was highly stimulating, even though the call is also extremely difficult to grasp.

Another particularly valuable aspect of the weekend was that the #class22 scholarship holders were able to have the status quo of their four projects reviewed after exactly one year. This also ensured an intensive exchange between the classes.

Exchange is the basis for collaboration, which is inconceivable without committed people. With Prof. Bernd Redmann, one such person has now left the TUMJA Advisory Board. I would like to thank the former President of the Munich University of Music and Theatre (HMTM) most sincerely for the creative and trusting collaboration that has existed since 2017. I would also like to extend a warm welcome to Prof. Lydia Grün as the new President of HMTM. The important interdisciplinary exchange between the four partners is continued by President Grün in our Advisory Board. I would like to thank all those involved in this.

Furthermore, I am pleased to announce that the partnership with Pixida GmbH, which is already in its seventh year, has been extended once again and that QuantCo, another business partner, has been working with the scholarship holders of the TUM: Junge Akademie since October 1.

Let us stand in solidarity, keeping the focus on answering questions and making progress, and – also – come to some rest during the days of the upcoming turn of the year.

I wish you, your families and friends all the very best, health and optimism for the next year.

Let us look forward to a successful 2023!

Sincerely yours,  
Gerhard Müller

## TUMJA News



TUMJA #class23

Kick-Off

### Welcome #class23!

We are happy to welcome **39 new scholarship holders** to #class23. As every year, the scholarship started with a common **kick-off event** for the new members.



We thank all participants and especially the scholarship holders for the productive and fun weekend in Wartaweil at Ammersee and look forward to the next steps within the TUMJA scholarship with them!

[More about #class23](#)



Supervisors of  
#class23

TUMJA Supervisors

## New Supervisors for #class23

We are pleased to introduce **eight new supervisors** for the teams of #class23, whose expertise will make a valuable contribution to the implementation of their projects during the twenty-month scholarship period.

[Supervisors of #class23](#)



Credits: Adrienne  
Meister

TUMJA Advisory Board

## New Member: Prof. Lydia Grün

We are pleased to welcome **Prof. Lydia Grün**, president of our partner university HMTM, as a new member of TUMJA Advisory Board since October 2022.

[Read more](#)



Reading on 15 Nov

Wordshop

## New Publication: "Unerwartete Begegnungen"

With our pilot project **Wordshop**, we invited students, employees, and alumni of TUM in spring 2022 to write a short story and be accompanied and advised by professionals. Now a publication has been produced: the short story collection **Unerwartete Begegnungen**.

We are very much looking forward to the **reading on December 15, 2022** at Immatrikulationshalle, TUM and would like to invite you to this event! You can find all information and a voluntary registration link via the website link below.

[More about Wordshop](#)



Our new colleagues:  
Dennis and Eya

Changes at TUMJA Office

## Welcome Dennis and Eya!

This autumn, we were happy to welcome two new colleagues in our office staff. **Dennis Lehmann** works in administration and **Eya Ghanmi** supports our team as a student assistant. Welcome to both of you!

[Get in contact with the office](#)



Credits: TUM  
Student Clubs

Get inspired, get involved

## TUMJA at TUM Student Club Fair

Discovering the diversity of student involvement at TUM works best at **TUM Student Club Fair**. We were present with our **TUMJA booth** at Immatrikulationshalle TU Campus Munich on November 30, 2022.

The TUM Student Club Fair is a follow-up project to the **TUMJA format TUwas!**, which was first organized by #class2013 in 2014.

[View more information](#)



Fireside Chat

Fireside-Chat took place

## Steps in my Career & Professional Development – Less is More?

Last week, on November 22, the latest **fireside chat** jointly organized with **TUM Graduate School** took place. Under the motto: "Steps in my career &

professional development – less is more?" we got to know that many roads can lead to a fulfilling career.

Many thanks to our panelists **Dr. Andrea Geipel** (Deutsches Museum, DM Digital), **Natalie Eisenhut** (Director, Ecosystems Solutions & Success, Celonis SE) and TUM professor **Dr. Johannes Betz** (Autonomous Vehicle Systems) as well as all attendees who joined us for the event!

[Read more about the event](#)



Awareness Weeks  
Mental Health by  
TUM4Mind

TUM4Mind

## Digital Awareness Weeks on Mental Health took place in November

Four years ago, the idea for #TUM4Mind arose from an initiative of the TUM: Junge Akademie. We are very pleased that the important topic of mental health during studies has found a permanent place in the advisory services offered at TUM.

The **Digital Awareness Weeks Mental Health** of #TUM4Mind took place again from 7 to 25 November 2022 and reached many students.

[More about TUM4Mind](#)



New economic  
partner QuantCo

Partners of TUMJA

## Seven Years of Partnership with Pixida GmbH and New Partner QuantCo

**Pixida Group** entered its seventh year of partnership on October 1, 2022. In addition, we have a new business partner at our side since October: **QuantCo**. We would like to thank both companies for their trust and look forward to a joint, innovative exchange!

[View all partners of TUMJA](#)



Enjoy your holidays!

Christmas Greetings

## Merry Christmas and a Happy Start in 2023!

Last but not least, the TUMJA team wishes everyone a peaceful Christmas holiday season and a happy, healthy and successful start into the new year!

Stay updated in 2023

## Alumni presented



TUMJA Alumna  
Natalie Eisenhut

Aastha Chandiwalla and Seong-Min Jun interviewing

### Natalie Eisenhut, Director Ecosystem Solutions & Success at Celonis

**Natalie Eisenhut** is TUMJA alumna of class 2014/15. She completed her Bachelor's and Master's studies in Information Systems and Computer Science at the Technical University of Munich. She has been working at Celonis since 2017, currently as Director Ecosystem Solutions & Success.

Read the interview

## Project News from #class22



Team CheckMate in  
Wartaweil

Team CheckMate

### Off to the Schools!

As Team CheckMate, we have successfully reached out to three schools, defined which variables we want to collect, cleared all obstacles regarding data security and developed our app. We are excited to start with our school visits in the end of November!



[Check out the App](#)



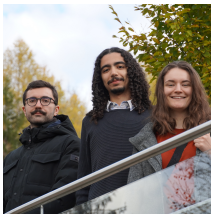
Team Membrains in Wartaweil

Team Membrains

## New Challenges

After changing our approach from a prototype to simulations, we had to tackle the issue of computing resources. Therefore, we tried to get access to the LRZ Cloud for efficient simulations. Further, we invested in our research work, set our main research variables and reflected for possible applications, especially for riverbeds.

[Find out more about Team Membrains](#)



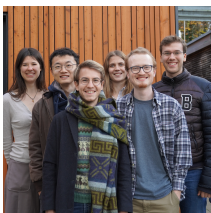
Team Aesthetics in Wartaweil

Team Aesthetics

## Interviewing Potential Users

We will start conducting interviews with potential users in order to obtain more background information. Personal experiences will be incorporated into the optimisation of our prosthesis prototype after the interviews and talk with our supervisors.

[Find out more about Team Aesthetics](#)



Team VINFO in Wartaweil

Team VINFO

## Preparation of the Quantitative Analysis

In our project, we aim to understand the language of misinformation, specifically COVID-19-related misinformation in “Querdenker” online journalism. We happily announce the completion of our scientific wording dictionary for quantitative analysis.

[Find out more about Team VINFO](#)

# News from the Taskforces



Visit to the Kunstlabor during the Lange Nacht der Museen

TF Event

## Autumn Term 2022

The autumn term started with a tour of the TUM-Freising Campus in Weißenstephan. In October, the "Lange Nacht der Münchener Museen" gave us the opportunity to visit many museums around the city. Coming up are a day-trip to Augsburg, visits to the Münchener Kammerspiele and the Junge Akademie Christmas Party on the 10th of December.

[View TF Event](#)



Symposium Planning

TF Symposium

## Save the Date: Symposium 2023 on June, 9

TF Symposium is already planning the next Symposium, taking place on June 9, 2023! We discussed ideas with our fellow scholarship holders: 'What would you miss if the symposium didn't take place?' and 'Which ways of scientific communication do you know?'

[View TF Symposium](#)

TF Recruiting

## 39 Talented Students enter TUMJA, 70% are Female

This year's selection days hopefully mark the end of a chapter. While we took the time to perfect the online-systems set in place in 2020, the task force Recruiting is looking forward to combining new and old knowledge to offer a more in-person approach again.

[View TF Recruiting](#)

# Save the Date @ TUMJA

December, 15: [Reading of "Unerwartete Begegnungen" \(Wordshops project\) at Immatrikulationshalle, TU München \(Arcisstraße 21\) from 6 to 8 p.m.](#)

January, 20 to 22: Future Lab I and II for [#class22](#) and [#class23](#)

May, 10: [TUM Campusrun in Garching](#)

May, 19 to 21: [TUM Science Hackathon](#)

June, 9: [TUMJA Symposium of #class22](#)

# Save the Date @Partners

**acatech am Dienstag** - Weekly discussions on engaging technology related topics (in German). Upcoming events:

December, 6 [Überall, unbemerkt und unterschätzt – Wie unser Verhalten als Verbraucher gesteuert wird](#)

January, 24 [Ankommen, statt unterwegs sein – Nachhaltige Mobilität im Städtebau](#)

## Site notice

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