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

TUM: Junge Akademie thinks ahead: Tried and tested formats of TUM: Junge Akademie are increasingly being used for future "standard formats" of teaching. For example, the experiences with broad-based thematic calls or – more specifically – hackathons are being incorporated into the work within our contributions to the European University Initiative EuroTeQ. Unfortunately, and very current, the TUM: Junge Akademie's experience with refugee programs (Buddies for Refugees, launched in 2015) provides important impetus for planning support services for people who have been torn from their plans by the terrible war in Ukraine – whether as students at TUM, scientists, or refugees who can benefit from our activities.

But it is also about formats of TUM: Junge Akademie, which have simply become standard at TUM. The 8th TUM Campus Run will be a double feature. The advisory board meeting in late spring is another important regular event that took place last week. This is where the next thematic call is determined. It is a meeting with in-depth discussions on topics that address current challenges on the one hand and highlight fundamental societal/human issues on the other. In addition, the proposed topics must find the balance between sufficient concreteness and great freedom of expression. Be curious to see what will be on the agenda for the new 2023 edition of TUM: Junge Akademie.

Beyond the projects, it's great that you, as scholarship holders, find numerous ways to get involved besides your studies. In this context, TUM: Junge Akademie, together with the Munich Student Initiatives Association (VMSI), organized the M!A (Münchner Initiativen Abend) on April 27. Numerous initiatives presented themselves and exchanged ideas with interested students. Thank you for this and for further inspiring initiatives.

Now we hope for a Summer Term 2022 with more normality and a lively exchange back on campus. It is great that you have been able to continue living and working so well despite Covid, and it is even greater, that we will return to our important conversational formats on campus and in retreats!

With my best wishes for an excellent and successful Summer Term 2022,

sincerely yours,
Gerhard Müller

TUMJA News



Join us for a live exchange with Graduate Dean Prof. Hans-Joachim Bungartz, Prof. Cathleen Zeymer, TUMJA alumnus Carl Ebbinghaus, and doctoral candidate Kathrin Schmalz (TUMJA #class22)

TUM Graduate School and TUMJA

Panel Discussion: Doctorate at TUM – an option for me?

TUM master's students are cordially invited to join the [panel discussion](#) on May 24, 5-6:30 PM on various questions about doing your doctorate. The event will be on-site with a limited number of participants and will be streamed as well. Register by May 15, 2022.

[Register now!](#)



The publishing house &Töchter is a partner of the seminar.

Wordshop

Our seminar for literature and writing enthusiasts at TUM!

With our pilot "Wordshop" we invited the TUM family – students, employees from science and administration, and alumni – to develop a short story, accompanied and advised by professionals. The seminar started with a kick-off weekend in Weimar and Leipzig. For all who missed the start: There will be open workshops in May and June.

[Stay tuned!](#)



The 5th edition of the TUMJA science hack will take place in June.

TUM Science Hackathon 2022

Upgrade: Building a new Reality

We will launch the 5th edition of the TUMJA Science Hack on June 24-26, 2022. The motto is "Upgrade: Building A New Reality." It encapsulates many of the technological developments currently underway: be it through extended reality, novel communication pathways, artificial intelligence, new materials, or the bio-evolution in medicine. Stay tuned for the challenges that our partner institutions and chairs prepare for you.

[read more](#)



This year, we will run virtual and on-site!

TUM Campusrun double feature

We run at GARNIX 2022

This run will be a double feature. TUM running friends from all over the world start at the #virtualTUMrun on **June 21**. And the day after, on **June 22**, we will finally meet again on site for the campus run in Garching.

[TUM Campusrun 2022](#)



TUMJA class 2021

Symposium 2022

Official Closing Ceremony of Class 2021

On July 2, 2022, the scholarship holders of #class21 present their findings at the annual TUMJA symposium.

[Stay tuned](#)

Alumni presented



Elena Corella Puertas works in the field of Environmental Life Cycle Assessment

Elena Corella Puertas, Postdoc Researcher in Montreal

Elena Corella Puertas was a TUMJA scholarship holder in the class of 2013. After her Bachelor's and Master's in Chemical Engineering at TUM, she did her Ph.D. at McGill University in Montreal/Canada. Elena now works as a postdoc at an interdisciplinary research center in Montreal and teaches at McGill University. Her current research topics are the fate of plastics in the environment and Life Cycle Assessment.

[Read the interview](#)

Project News from Class 2022



Team aesthetics of class22

Aesthetics

New Designs for Prosthetics

Our team has set up a questionnaire for prosthetic companies and persons who have suffered the loss of an extremity. With this, we aim to find out weak spots in current designs and what the companies consider state of the art. Furthermore, we have developed our own designs and we are planning to produce them through Additive Manufacturing methods.

[read more](#)



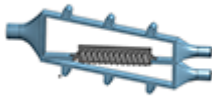
Fighting fake news with modern tools

CheckMate

Fake News Game for High School Students

After characterizing different aspects of fake news, we decided to focus on increasing the awareness of misinformation among high school students by developing a tool in form of a game.

[read more](#)



CAD model of manta ray-inspired filter

Membrains

Work on first prototype begins!

Filtering Microplastic from running water is our core focus now and we have started working on our first prototype.

[read more](#)



Team Role Model

Role Model

Sustainability: Concepts, Perception, and Consumer Behavior

Since January, a lot has happened: Our team now consists of 6 members, 2 tutors, and 2 supervisors, we have defined our topic, are currently researching relevant literature, setting up hypotheses, and are looking forward to planning our surveys.

[read more](#)



Team VINFO focus on the Querdenker Movement

VINFO

Virulent information: How does misinformation spread?

We want to investigate the German Querdenker movement to form conclusions about why the spread of misinformation often exceeds that of scientific information and how the content of that misinformation differs from what is reported by science.

[read more](#)

Project News from Class 2021

CreaThesis

Visit the Gallery of ChreaTheses



Visit our gallery!

The project of Team CreaThesis is slowly coming to an end. We are ready to analyze our data and write our research report. You are interested in the submitted CreaTheses?

Scroll through our gallery!



Learn more about the project on the new website

elecTUM

Prototype of Calculator is online!

We are proud to announce that our website electum.ja.tum.de/ is finally online! Feel free to try out our calculator, where you can estimate and compare the energy consumption of different scenarios of academic teaching.

Test our calculator!



Learn together with the help of LETO

LETO

Find your study buddy!

LETO matches you with other students in your course to help you get the answers you need. We connect you with students who have similar personality traits and learning types so that the learning exchange runs even better.

Find your learning partner



Team Proactivation

Proactivation

Proactivation

After over 600 registrations for Proactivation, the team is now working on analyzing the data of the surveys. Our first findings are already very promising that the course helped our users. Want to hear more about our findings? Join us at the Junge Akademie Symposium!

News from the Taskforces

CAP: Upcoming TUM Science Hackathon 2022

In February, class21 handed over their responsibilities to class22. Full of energy, class22 has now started to prepare the next Science Hack and to approach possible partners from the industry as well as organize the marketing and location set-up. [more](#)

Event

The summer term has already started, and the [M!A](#) on April 27 gave all students from TUM the possibility to find student projects, initiatives, and groups they want to engage in. The [TUM Campusrun](#) and many cultural events are currently being prepared by us. [more](#)

International: Preparing a workshop for students of New Mexico University

Dr. Sabine Hirschauer of New Mexico State University (USA) is again visiting Munich with a group of students from the department of Government. In their varied two-week program, the students will learn about migration and integration in Europe. We will welcome the group at TUMJA on July 4 for a get-together between students. [more](#)

Marketing

We are currently working on designing hoodies for class22. Additionally, we are heavily collaborating with Taskforce Symposium to promote the symposium of class 2021. [more](#)

TF Mentoring is ready for the next round

We are currently working hard to prepare the next round of our mentoring program, which will start with a kick-off event in early June. [more](#)

Recruiting: Course-Based Nominations

Last year, we developed a systematic approach to calculate percentages for nominations per faculty. This year we will see if TUMOnline will allow us to set percentages for individual study courses instead. [more](#)

Symposium on the 2nd of July!

We are in the hot phase of symposium planning right now and look

forward to seeing you there. It will take place on July 2, so save the date and stay tuned :) [more](#)

XP Transfer welcomes its new members

We have welcomed our new members from class 2022 and submitted our text for the project book of class 2021. [more](#)

Save the Date @ TUMJA

May 24, 5-6:30 PM: Panel discussion: Doctorate at TUM – an option for me?

June 21 and 22: TUM Campus run

June 24-26: TUM Science Hackathon 2022 – Building A New Reality!

July 2: TUMJA Symposium 2022 - class21

Save the Date @ Partners

Digital Mental Health Awareness Week TUM4Mind, Mai 9-13 via Zoom

acatech am Dienstag – Weekly discussions on engaging technology-related topics (in German).

Amerikahaus Environmental Hackathon - In Code We Trust - Responsible Innovation for a Sustainable Future

Registration is open until **June 25, 2022**

The Natural Robotics Contest

of TUM Professor Dr. Sophie Armanini and international colleagues.

The winning entry will be turned into a real prototype by a team of expert robotics researchers! The competition is open until **June 30, 2022**

Site notice

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