

# HYGIENE CONCEPT FERIENAKADEMIE 2022

Update: 30.08.2022

This document is the continuation of the hygiene concept of 2021, which had been approved and accepted by the universities and the local authorities in Südtirol before the Ferienakademie taking place end of September 2021. We adapted the document to the current Covid-19 situation and list some potential measures in Section 4 in case the situation will get worse.

## 1. ABOUT THE FERIENAKADEMIE

The Ferienakademie is a 12 day long summer school held annually in Sarntal, South Tyrol, at the end of September since 1984<sup>1</sup>. It is organized by the three sponsoring universities Friedrich-Alexander-Universität Erlangen-Nürnberg, Universität Stuttgart and Technische Universität München with the support of the Friends of the University as well as donations



### Ferienakademie

Sarntal / Südtirol – Sonntag, 18. September bis Freitag, 30. September 2022

Direktor: Univ.-Prof. Dr. Hans-Joachim Bungartz, Institut für Informatik der Technischen Universität München

Spenden von Firmen und von Fördervereinen der drei veranstaltenden Universitäten und Eigenmittel ermöglichen die Durchführung der Ferienakademie 2022 im Sarntal in Südtirol. Sie soll der Motivation und der Förderung begabter und interessierter Studierender der drei veranstaltenden Universitäten dienen.

**Fahrt- und Aufenthaltskosten** für die Teilnehmer werden aus Spendenmitteln getragen.

Weitere Informationen sowie Hinweise zur Bewerbung finden Sie unter:

[www.ferienakademie.de](http://www.ferienakademie.de)

Für jeweils ca. 16 Studierende aus Studiengängen der angegebenen Fachrichtungen werden folgende Kurse angeboten:

Kurs Thema	Dozenten Gastdozenten (GD)	Fachrichtungen (und Fachsemester)
1 Modern Approaches to Optimization and Verification in Computer Science	J. Křetínský, München R. Wanka, Erlangen	Informatik, Mathematik, Data Science (Bachelor im 1. oder 2. Studienjahr)
2 Decentralized Decision Making and Simulation Models in Smart City Infrastructures	B. Brügge, München U. Rüdte, Erlangen J. Nickliss, Siemens AG (GD) M. Sauer, Siemens AG (GD)	Informatik, Software Engineering, Mathematik, Physik, Ingenieurwissenschaften (Bachelor ab 2. Studienjahr oder Master)
3 Dark Matter and the Cosmos	S. Schönert, München A. Weiler, München	Physik, Physik-interessierte Studierende (Bachelor ab 2. Studienjahr oder Master)
4 Deep Learning in Computational Science and Engineering	S. Kollmannsberger, München D. Prüfer, Stuttgart	Ingenieurwissenschaften, Informatik, Simulation Technology, Mathematik, Physik (Bachelor ab 3. Studienjahr oder Master)
5 Let's play! Simulated Physics for Games	H.-J. Bungartz, München	Ingenieurwissenschaften, Mathematik, Informatik, Simulation Technology, Physik, Data Science (alle Fachsemester)
6 Climate Change: Social, Technical, and Political Dimensions	M. Schreurs, München	Sozial-, Natur- und Ingenieurwissenschaften (alle Fachsemester)
7 Physical Models meet Deep Learning	W. Kellermann, Erlangen G. Kramer, München S. ten Brink, Stuttgart (GD)	Elektro- und Informationstechnik, Informatik, Mathematik, Physik (Bachelor ab 3. Studienjahr oder Master)
8 Perceptual Audio Coding - From Theory to Software	B. Edler, Erlangen	Elektrotechnik, Informations- und Kommunikationstechnik, Informatik, Mathematik, Physik (Bachelor ab 3. Studienjahr oder Master)
9 Computational Medical Imaging	T. Lasser, München C. Riess, Erlangen	Informatik, Medizintechnik, Elektrotechnik, Mathematik, Physik (Bachelor ab 4. Semester oder Master)

Organisation:

T. Neckel, München, neckel@in.tum.de  
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Universitätsbeauftragte:

G. Müller, München  
A. Kaup, Erlangen  
M. Schulte, Stuttgart

Bewerbungsschluss:

10. Mai 2022



Figure 1: Course program of the Ferienakademie 2022

who apply in the spring of the respective year. The currently planned course offerings in 2022 with the course instructors and the corresponding data can be found in Figure 1.

<sup>1</sup> Lediglich im Jahr 2020 musste die Ferienakademie Corona-bedingt ausfallen.

As usual the Ferienakademie will take place in the Sarntal Valley in South Tyrol, Italy. From Stuttgart, Erlangen and Munich, the students travel in buses in the direction of Sarntal and are assigned to one of the five participating inns in Sarntal according to their course. There, they can work on their respective topics—undisturbed and highly focused and in close contact with the course lecturers. Some courses follow the example of a seminar, in which the participants present and discuss various topics in the form of presentations. Other courses are more similar to an internship in which the students work on a practical project, e.g., the development of a software, in addition to lectures.

In addition to interesting encounters, exciting course content and stimulating discussions, the community aspect is not neglected during the Ferienakademie. Hiking together has become a tradition and counterbalances the intensive hours spent indoors during the course and also ensures free scientific exchange: In Sarntal, science is lived.

## 2. BASIC INFORMATION (THE FERIEAKADEMIE IN NUMBERS AND FACTS)

Director of the Ferienakademie:	Prof. Hans-Joachim Bungartz (TUM)
Representative of TUM:	Prof. Gerhard Müller
Representative of University of Stuttgart:	Prof. Miriam Schulte
Representative of FAU Erlangen-Nuremberg:	Prof. André Kaup

Number of participants: ca. 200 students plus ca. 25 professors plus ca. 25 academic staff

Duration of the Ferienakademie: 12 days (in 2022: 18.09.-30.09.)

Number of inns: 5

Information related to the inns in Sarntal (South Tyrol):

The following five participating inns are 2- or 3- star hotels, which provide full board accommodation. Mainly double rooms are used, along with triple and quadruple rooms.

- Feldrand: 2 courses
- Murrerhof: 2 courses
- Rabenstein: 2 courses
- Jägerhof: 2 courses
- Alpenblick: 2 courses

### 3. HYGIENE CONCEPT FOR THE FERIENAKADEMIE

In the following, we explain the measures planned to create a safe and risk-reduced environment for the successful organization of the Ferienakademie in the context of Covid-19. We consider the current status of the Covid 19 situation in Germany and Italy/South Tyrol and list appropriate measures based on this. We take guidance from the recommendations of the German Foreign Office<sup>2</sup> in general and the guidelines for stays in Italy and South Tyrol<sup>3</sup> in particular.

#### 3.1. Mandatory Measures

- The journey for the student participants<sup>4</sup> will take place via buses organized by the Ferienakademie. The Ferienakademie buses will only be used up to the allowed capacity. Wearing an FFP-2 mask is mandatory for the duration of the trip as of now.
- For local transportation by public transport buses or buses organised by Ferienakademie (e.g. for drop off or pick up at hiking destinations), wearing an FFP-2 mask is also mandatory.

#### 3.2. Recommended Measures

- Full vaccination with an EMA-approved vaccine, completed 14 days prior to the start of the Ferienakademie
- Rapid test at the point of departure.
  - The Ferienakademie provides rapid self tests at the point of departure of the Ferienakademie busses. It is highly recommended to take the test given the high risk of a spread in the case of an infection during the bus ride. Alternatively, a rapid test at an official testing facility taken the earliest the day before departure is also accepted.
  - We also recommend for Professors/guests etc. traveling not by bus to take a rapid test before departure. Alternatively, the Ferienakademie provides rapid self tests at the hotel upon arrival.
  - In case of Covid-19 related symptoms at the point of departure, a negative rapid test or PCR test is mandatory for participation.
- Compliance with AHA rules. Distance rules of 1-2 meters between persons.
- FFP-2 mask in the inn
- Hand disinfection; appropriate disinfectants will be available for the courses.
- Regular intervals for ventilation of the rooms

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<sup>2</sup> See <https://www.auswaertiges-amt.de/de/ReiseUndSicherheit/italiensicherheit/211322>

<sup>3</sup> See <https://www.suedtirol.info/de/informationen/coronavirus>

<sup>4</sup> Professors and research assistants can also use these buses. However, experience has shown that only a small number of them choose this option; the majority travel individually by car.

- Participants showing Covid-19 symptoms in place in Sarntal should use rapid tests provided by Ferienakademie on-site. See section 3.4 for the workflow in case of a positive test result.

### 3.3. General Aspects

As already mentioned in the brochure "General Information", all participants of the Ferienakademie should check their health insurance coverage (for persons with statutory health insurance in Germany this concerns the European Health Insurance Card (EHIC)).

### 3.4. Measures in case of an infection

In case of a positive rapid test case, the responsible health authorities in Sarntal will be notified. The affected participant will be counter-tested at an official testing facility (pharmacy or similar). In case of infection, the person must spend seven days in isolation<sup>5</sup> (if the Booster vaccine was received, 10 days otherwise). The isolation will be spent at the inn where the person is staying. All related costs will be covered by Ferienakademie during the duration of the event. If the isolation exceeds the duration of Ferienakademie, additional cost must be covered by the person. Isolation can be ended with a negative test at an official testing facility the earliest after the isolation period. In case of an end of isolation after the end of Ferienakademie (30.09.22), the affected participants can travel back to their hometown by public transport (the associated travel costs will be covered by the Ferienakademie).

Persons in close contact with the corresponding infected person do not have to quarantine but are required to wear FFP-2 masks for seven days and to do a rapid test in case of Covid-19-related symptoms. In the case of Ferienakademie this concerns all participants at the corresponding inn.

## 4. POTENTIAL ADDITIONAL MEASURES

In case of a drastic change in the pandemic situation between now and the date of the Ferienakademie, the organisation might need to implement additional measures such as the following:

- Mandatory rapid tests before the bus trips for going to and/or coming back from Sarntal.
- Mandatory instead of recommended masks inside closed rooms (in particular, the inns and course rooms).
- Cancellation of joint activities (such as a joint evening, a joint hike of all courses or cross-course sports competitions) between courses of different inns.
- The composition of people at the tables during meals may be restricted w.r.t. the number of involved households, such that the same composition of persons per table should be maintained over the period of Ferienakademie and should be based

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<sup>5</sup> Professors/guests travelling with their own car are allowed to travel back to Germany for isolation there.

on other situations with close contact (people staying in the same room<sup>6</sup> or attending the same course, for example).

Of course, Ferienakademie will always follow additional measures imposed by German or Italian authorities.

## 5. FINAL REMARKS

In summary, we hope that we have been able to explain the relevant aspects of the Ferienakademie that have gone into the creation of this hygiene concept and to clearly present the planned measures. The top priority is the health of the participants.

Garching, August 30, 2022



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Prof. Hans-Joachim Bungartz  
(Director of the Ferienakademie)



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Dr. Tobias Neckel  
(Organizational director of the Ferienakademie)

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<sup>6</sup> The participants will be accommodated in the above mentioned five inns separately and in full board. Mainly double rooms are used, along with triple and quadruple rooms.