



Technical  
University  
of Munich



Computer Aided Medical Procedures



**ImVis 2023**

13th Workshop on Advanced  
Imaging and Visualization

May 7<sup>th</sup> – May 12<sup>th</sup>

Lake Faak, Austria

## Keynote Speakers

Prof. Dr. **Nassir Navab** Technical University Munich

Prof. Dr. **Christian Wachinger** Technical University Munich

Prof. Dr. **Peter Schüffler** Technical University Munich

Prof. Dr. **Bernhard Kainz** Friedrich-Alexander-University Erlangen

Prof. Dr. **Daniel Roth** Friedrich-Alexander-University Erlangen

Prof. Dr. **Stamatia Giannarou** Imperial College London

Prof. Dr. **Tolga Birdal** Imperial College London

Prof. Dr. **Pascal Fallavollita** University of Ottawa

**Matthias Seibold** Balgrist University Hospital

## Preliminary Program Schedule

### Sunday 7<sup>th</sup>

- 11:30 Meeting at ZOB Munich
- 12:00 Departure by Bus to Faak
- ca. 16:45 Arrival at BFSZ Faak & Room Key Distribution
- 18:00 - 19:00 Dinner
- 20:00 -22:00 CAMP Cup

### Monday 8<sup>th</sup>

- 07:30 - 08:15 Breakfast
- 08:15 - 09:15 Bus to Lake Bled
- 09:15 - 11:15 Visit Lake Bled
- 11:15 - 12:00 Bus to Ljubljana
- 12:00 - 14:00 Visit to Sensum and XLABmedical
- 14:00 - 15:30 University Visit
- 15:30 - 18:00 Sightseeing in the Old Town
- 18:00 - 21:00 Dinner at Hotel Čad
- 21:00 - 22:30 Bus to Faak

### Tuesday 9<sup>th</sup>

- 07:30 - 09:00 Breakfast
- 09:00 - 10:00 Welcome & Talk Nassir Navab
- 10:00 - 10:45 Talk Session Tue1 (3 rounds)
- 10:45 - 11:00 Coffee Break
- 11:00 - 11:45 Invited Talk Tolga Birdal
- 12:00 - 13:00 Lunch
- 13:00 - 13:45 Invited Talk Daniel Roth
- 13:45 - 14:00 Coffee Break
- 14:00 - 15:00 Talk Session Tue2 (4 rounds)
- 15:00 - 16:00 barCAMP Workshops
- 16:00 - 18:00 Sports & Afternoon Activities

- 18:15 - 19:15 Dinner
- Evening Social Night

### Wednesday 10<sup>th</sup>

- 07:30 - 09:00 Hotel Breakfast
- 09:00 - 10:00 Talk Session Wed1 (4 rounds)
- 10:00 - 10:30 Coffee Break
- 10:30 - 11:15 Invited Talk Christian Wachinger
- 11:15 - 12:00 Talk Session Wed2 (3 rounds)
- 12:00 - 13:00 Lunch
- 13:15 - 14:00 Talk Session Wed3 (3 rounds)
- 14:00 - 14:45 Invited Talk Bernhard Kainz
- 14:45 - 15:15 Coffee Break
- 15:15 - 16:00 Talk Session Wed4 (3 rounds)
- 16:00 - 18:00 Sports & Afternoon Activities
- 18:15 - 19:15 Dinner
- From 21:00 Trivia Night

### Thursday 11<sup>st</sup>

- 07:30 - 09:00 Breakfast
- 09:00 - 09:45 Invited Talk Peter Schüffler
- 09:45 - 10:15 Coffee Break
- 10:15 - 11:00 Invited Talk Stamatia Giannarou
- 11:15 - 12:00 Talk Session Thu1 (3 rounds)
- 12:00 - 13:00 Lunch
- 13:00 - 14:00 Talk Session Thu2 (4 rounds)
- 14:00 - 14:15 Coffee Break
- 14:15 - 15:00 Talk Session Thu3 (3 rounds)
- 15:00 - 16:00 barCAMP Workshops
- 16:00 - 18:00 Sports & Afternoon Activities
- 18:15 - 19:15 Dinner
- From 20:00 Disco Night

## Friday 12<sup>th</sup>

07:30 - 09:00	Breakfast
09:00 - 09:45	Invited Talk Matthias Seibold
09:45 - 10:00	Coffee Break
10:00 - 10:45	Invited Talk Pascal Fallavollita
10:45 - 11:00	Farewell
11:00 - 12:00	Group Internal Sessions
12:00 - 12:45	Lunch
12:45	Meeting at bus
13:00	Departure by bus to Munich
ca. 17:15	Arrival at ZOB Munich

## Talk & barCAMP Schedule

The latest schedule for the talk sessions is available on our website

<https://www.cs.cit.tum.de/camp/news/article/imvis-2023/>

### Program



### Telegram



## Main Venue (Hotel)

### Bundessport- und Freizeitzentrum (BSFZ)

Halbinselstraße 14  
9583 Faak am See  
Austria

<http://www.faakersee.bsfz.at/>



## Day Trip

University (1000 Ljubljana, Tržaška c. 25)  
Sensum (1000 Ljubljana, Tehnološki park 21)  
Hotel Čad (1000 Ljubljana, Cesta na Rožnik 18)

## Organization

Chair for Computer Aided Medical Procedures

Technische Universität München  
Boltzmannstr. 3  
85748 Garching bei München  
Germany

Tel.: +49 (89) 289-17058

Web: <https://www.cs.cit.tum.de/camp/>

## Topics

*Prof. Tolga Birdal*

**Topological Deep Learning, Going Beyond Graph Data**

*Prof. Daniel Roth*

**Imageneering Novel Languages for the Communication Between Humans (and Machines)**

*Prof. Christian Wachinger*

**Quo vadis medical AI?**

*Prof. Bernhard Kainz*

**Beyond Supervised Learning: Exploring Novel Machine Learning Approaches for Robust Medical Image Analysis**

*Prof. Peter Schöffler*

**Making Sense of Pathology Images**

*Prof. Stamatia Giannarou*

**Cognitive Vision in Robotic Surgery**

*Matthias Seibold*

**Translational Research in Orthopedic Computer Science - The Ecosystem of Balgrist and the OR-X**

*Pascal Fallavollita*

**AI-driven Solutions in Clinical Practice (or lack thereof)**