

January 8 – 13 , 2023, Dagstuhl Seminar 23022

# Inverse Biophysical Modeling and Machine Learning in Personalized Oncology

	Monday	Tuesday	Wednesday	Thursday	Friday
08:30-10:00	opening	presentations	presentations	presentations	breakout
10:00-10:30					
10:30-12:00	presentations	presentations	presentations	presentations	plenary wrap-up
12:00-14:00					
14:00-15:30	presentations	presentations	Völklinger Hütte	breakout	
15:30-16:00					
16:00-17:30	presentations	presentations		breakout	

## Monday:

### Session 1: 8:30 – 10:00

Opening Remarks, George Biros, Björn Menze

*General overview of workshop and schedule.*

*General overview of state-of-the-art.*

*General intro into problems and open challenges*

*Introduction of Participants (collect 1-2 page slides; ask them to speak).*

### Session 2: 10:30 – 12:00

Michal Balcerak

### Session 3: 14:00 – 15:30

Sarah Brüningk (ETH Zürich - Basel, CH)

Arvid Lundervold (University of Bergen, NO)

### Session 4: 16:00 – 17:30

Koen Van Leemput (Martinos Center - Charlestown, US)

Sarthak Pati for Spyridon Bakas (University of Pennsylvania, US)

**Tuesday:****Session 1:** 8:30 – 10:00

Elies Fuster Garcia (Technical University of Valencia, ES)  
Benedikt Wiestler (TU München - Klinikum rechts der Isar, DE)

**Session 2:** 10:30 – 12:00

Dorit Merhof (Universität Regensburg, DE)  
Ender Konukoglu (ETH Zürich, CH)

**Session 3:** 14:00 – 15:30

Barbara Wohlmuth (TU München - Garching, DE)  
David Hormuth (Univ. of Texas at Austin, US)

**Session 4:** 16:00 – 17:30

Guillermo Lorenzo (University of Pavia, IT & UT Austin, US)  
Sarthak Pati (University of Pennsylvania, US)

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**Wednesday:****Session 1:** 8:30 – 10:00

John Lowengrub  
Chao Li Virtual

**Session 2:** 10:30 – 12:00

Miriam Schulte (Universität Stuttgart, DE)  
Andreas Mang (University of Houston, US)  
Jonas Weidner (TU München - Klinikum rechts der Isar)

**Afternoon:** 14:00 bus departure to Völklinger Hütte  
22:00 return

## **Thursday:**

### **Session 1:** 8:30 – 10:00

Daniel Paech (Universitätsklinikum Bonn, DE)  
Matthias J. Ehrhardt (University of Bath, GB)

### **Session 2:** 10:30 – 12:00

Andreas Deutsch (TU Dresden, DE)  
Jonas Latz (Heriot-Watt University - Edinburgh, GB)

### **Session 3:** 14:00 – 15:30

Breakout sessions, write up findings, literature search, ...

### **Session 4:** 16:00 – 17:30

Breakout sessions, write up findings, literature search, ...

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## **Friday:**

### **Session 1:** 8:30 – 10:00

Wrap up in breakout groups

### **Session 2:** 10:30 – 12:00

Summary and closing remarks

### **13:00 Departure**

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## **Remote without presentation:**

- Atle Bjornerud (University of Oslo, NO)
- Jana Lipkova (Harvard University - Boston, US) [\[dblp\]](#)
- Assad Oberai (USC - Los Angeles, US)
- Russell Rockne (City of Hope - Duarte, US)