



Weierstrass Institute for Applied Analysis and Stochastics

Biophysics-based modeling and data assimilation in medical imaging

Aug 30 –
Sep 1
2023

Berlin

Keynote speakers

Silvia Budday (FAU Erlangen)
Luca Heltai (SISSA Trieste)
Jing Guo (Charité, Berlin)
Cristobal Bertoglio (U Groningen)
Paolo Zunino (MOX)
Claudia Schillings (FU Berlin)
Elijah Van Houten (U Sherbrooke)
Damiano Lombardi (INRIA Paris)
Stefania Fresca (MOX)
Tim Ricken (U Stuttgart)

Important dates

Abstract submission:
June 15th
Confirmation of acceptance:
June 30th

Registration fees

Early-bird registration (July 15th):
80 €
Full registration:
100 €

Organizers

Alfonso Caiazzo (WIAS)
Daniel Peterseim (Augsburg)
Ingolf Sack (Charité, Berlin)
Karsten Tabelow (WIAS)

Contact

BioPhysMed2023@wias-berlin.de

The purpose of **BioPhysMed2023** is to bring together experts in forward and inverse mathematical modeling, medical imaging, computational biomechanics, multiscale and reduced-order modeling, and data assimilation methods, to discuss how mathematical models and numerical simulations can support novel image acquisition techniques and enhance the clinical relevance of imaging data. The workshop will be a great opportunity to share challenges and results from the mathematical, computational, and clinical perspectives of medical imaging.

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For more information,
please visit the
workshop website



wias-berlin.de

