

Marie Elisabeth Rognes - University of Bergen, Norway

Talk title	Mathematical modelling of the human brain: from medical images to biophysical simulation
Biography	Marie E. Rognes is Chief Research Scientist and Research Professor in Scientific Computing and Numerical Analysis at Simula Research Laboratory, Oslo, Norway and Professor II at the Department of Mathematics, University of Bergen, Norway. She received her Ph.D from the University of Oslo in 2009 with an extended stay at the University of Minneapolis, Twin Cities, Minneapolis, US. She has been at Simula Research Laboratory since 2009, led its Department for Biomedical Computing from 2012-2016 and currently leads a number of research projects focusing on mathematical modelling and numerical methods for brain mechanics including an ERC Starting Grant in Mathematics (2017-2023). She won the 2015 Wilkinson Prize for Numerical Software, the 2018 Royal Norwegian Society of Sciences and Letters Prize for Young Researchers within the Natural Sciences, and was a Founding Member of the Young Academy of Norway