**Professor Xiaodong Wei**


See: https://people.epfl.ch/xiaodong.wei
https://www.researchgate.net/scientific-contributions/2082381781_Xiaodong_Wei
https://scholar.google.com/citations?user=6zjZDCAAAAJ&hl=en

Chair of Numerical Modelling and Simulation, Mathematics in Computational Science and Engineering, Swiss Federal Institute of Technology (EPFL), Switzerland
And
Department of Mechanical Engineering, Carnegie Mellon University, Pittsburgh, Pennsylvania, USA

**Biography:**
Xiaodong Wei is currently a postdoctoral fellow in Mathematics in Computational Science and Engineering at EPFL. Prior to joining the Chair of Numerical Modelling and Simulation at EPFL, he did a short-term postdoc in the Department of Mechanical Engineering at Carnegie Mellon University, the same place where he earned his Ph.D. and M.S. in 2017 and 2016, respectively. He also received M.S. and B.S. in the Department of Civil
Engineering, from The University of Tokyo in 2013 and Tsinghua University in 2011, respectively. His research interests lie broadly in the interdisciplinary field of computational mechanics and computational geometry, as well as their applications in engineering design/optimization, computational neuroscience, and additive manufacturing. He has been awarded with several fellowships including Bertucci Graduate Fellowship, Liang Ji-Dian Graduate fellowship and CIT Dean's Fellowship.

Selected Publications:
Xiaodong Wei, Yongjie Zhang, Deepesh Toshniwal, Hendrik Speleers, X. Li, Carla Manni, John Evans and Thomas Hughes, “Blended B-spline construction on unstructured quadrilateral and hexahedral meshes with optimal convergence rates in isogeometric analysis”, Computer Methods in Applied Mechanics and Engineering, Vol. 341, pp 609-639, 1 November 2018