

CURRICULUM VITAE

PERSONAL INFORMATION

NAME: Zhang, Zhiliang
POSITION: Professor of Mechanics and Materials
Founder of NTNU Nanomechanical Lab
Dept. of Structural Engineering
Faculty of Engineering Science and Technology,
Norwegian University of Science and Technology (NTNU)
Trondheim, Norway
E-mail: zhiliang.zhang@ntnu.no
<http://www.ntnu.edu/nml>
Tel: 0047-93001979



Prof Zhiliang Zhang, founder of *NTNU Nanomechanical Lab* since 2006, executive committee member of the European Structural Integrity Society (2010-2022), has been supervisor and co-supervisor of in total more than 44 PhDs and post docs, and 40 master students at Norwegian University of Science and Technology (NTNU). Before being appointed as a full Professor in Mechanics and Materials at the NTNU in 2003, Zhang had worked at SINTEF Materials Technology, Trondheim, for 9 years, and played a central role in building up the competence of the Fracture Mechanics group to an international level. Prof. Zhang was elected as the chairman of the **20th European Conference on Fracture (ECF20) 2014** by the Council of the **European Structural Integrity Society (ESIS)**. Prof. Zhang started his research in nanomechanics and nanotechnology when he was a visiting scientist at Harvard University in 2000 and 2001. Currently he focuses on fracture mechanics, hydrogen embrittlement, interface mechanics, material design and nanomechanics by using combined experimental and multi-scale computational simulation approaches. During the last 13 years Prof. Zhang has been the project leader at NTNU for 12 externally funded projects with a total budget over 77 million NOK. He has published about 220 scientific papers (140 journal papers and 80 conference papers) with the latest ones as an corresponding author published in top journals *such as Nature Communications, Nano Letters, Nanoscale, SMALL, Journal of the American Chemical Society (JACS), Journal of Mechanics and Physics of Solids (JMPS), Polymer and Acta Materialia.*