

Short CV - Christian F. Niordson

Education:

- 1999 M.Sc.Eng., Solid Mechanics, Technical University of Denmark
- 2003 Ph.D., Solid Mechanics, Department of Mechanical Engineering, Technical University of Denmark

Employment:

- 2014- Head of Section for Solid Mechanics, Dept. Mech. Eng., Technical University of Denmark
- 2016- Professor, Dept. Mech. Eng., Technical University of Denmark

Memberships, committees and boards:

- 2010 - Danish National Committee of International Union of Theoretical and Applied Mechanics (IUTAM).
- 2011 - 14 Chairman of DCAMM - 'Danish Center for Applied Mathematics and Mechanics'.
- 2011 - Board of Editors for 'International Journal of Solids and Structures'.
- 2012 - General Assembly of IUTAM (International Union of Theoretical and Applied Mechanics).
- 2014 - The Danish Academy of Technical Sciences.
- 2016 - European Solid Mechanics Conference Committee (ESMCC). Co-chairman from 2018.
- 2016 - Associate Editor for Journal of the Mechanics and Physics of Solids.
- 2017 - Member of the Council of the International Conference on Fracture (ICF).

Prizes:

- 2003 P. Gorm-Petersen's Memorial Prize for best Ph.D. thesis.
- 2014 STATOIL-prize.

Grants:

- 2003-2006 CI: 'Modeling Plasticity at the Micron Scale' - Danish Technical Research Council.
- 2008-2011 PI: 'Plasticity Across the Scales' - Danish Council for Independent Research.
- 2015-2018 CI: 'New Advances in Steady-State Engineering Techniques' - Danish Council for Independent Research.
- 2016-2019 PI: 'Modelling Injector Related Hydraulic Fracturing' - Danish Hydrocarbon Research and Technology Centre.
- 2017-2020 WP leader - Fracture Modelling: 'White Etching Crack bearing failures in wind turbines' - Innovation Fund Denmark.
- 2017-2020 PI: 'Advanced Damage Models with Intrinsic Size Effects' - Danish Council for Independent Research.