Name:
Samir H. Mushrif, PhD PEng. (https://sites.ualberta.ca/~mushrif/samirmushrif.html)

Current Position:
Associate Professor, Department of Chemical and Materials Engineering, University of Alberta, Canada (March 2018 – Till date)

Past Employment History:
- Assistant Professor, School of Chemical and Biomedical Engineering, Nanyang Technological University, Singapore (Aug. 2012 – March 2018)
- NSERC Post-Doctoral Fellow, Catalysis Centre for Energy Innovation and the Department of Chemical Engineering, University of Delaware, USA (Aug. 2010 – July 2012)
- Post-Doctoral Fellow, Centre for Research in Molecular Modeling, Concordia University, Canada and Department of Chemical Engineering, McGill University, Canada (Dec. 2009 – Jul. 2010)

Academic Qualifications:
- Ph.D. (NSERC Scholar) Chemical Engineering, McGill University, Montréal, Canada (2009)
- M.Sc. Chemical Engineering, University of Saskatchewan, Saskatoon, Canada (2004)
- B.Tech. Chemical Engineering, Nagpur University, India (2001)

Professional Qualifications/Memberships:
- Editorial Board Member, *ChemistrySelect*, Journal of *ChemPubSoc* Europe and Wiley-VCH
- Senior Member of the American Institute of Chemical Engineers (AIChE, USA)

Research Area:
- Computational Catalysis and Reaction Engineering (Expertise in quantum mechanical calculations, density functional theory and multiscale molecular modeling)

Selected Recent Awards/Recognition:
- Research article on the effect of solvents on chemical reactivity featured on the front cover page of Reaction Chemistry & Engineering (*React. Chem. Eng.*, 2019, 4, 165-206).
- Research on developing sustainable and green processes for the production of value added chemicals from biomass (*Green Chem*., 2018,20, 2730-2741) featured on the back cover of *Green Chemistry* (IF = 9.40).
- Discovery International Award 2017 by the Australian Research Council (15,000 AUD)
- *NANYANG EDUCATION AWARD 2016* (Singapore)
- School of Chemical and Biomedical Engineering *Teaching Excellence Award* 2015 (Singapore)
- Work in sustainable chemistry and biomass conversion featured on the frontpage of Angewandte Chemie. Communications (IF = 11.71).
- Article in Chemical Engineering Science featured in the list of 25 most downloaded articles of the journal.
- “Conversion of biomass to fuels” research highlighted in NATURE CHEMISTRY, in ScienceDaily USA and in the US Department of Energy’s Newsletter.