


Stanford



Roger Michaelides

Ph.D. Student in Geophysics

 Curriculum Vitae available Online

Bio

PROFESSIONAL AFFILIATIONS AND ACTIVITIES

- Member, American Geophysical Union (2014 - present)

Publications

PUBLICATIONS

- **Doppler-based discrimination of radar sounder target scattering properties: A case study of subsurface water geometry in Europa's ice shell** *Icarus*
Michaelides, R., Schroeder, D. M.
2019
- **Inference of the impact of wildfire on permafrost and active layer thickness in a discontinuous permafrost region using the remotely sensed active layer thickness (ReSALT) algorithm** *Environmental Research Letters*
Michaelides, R. J., Schaefer, K., Howard Zebker, Andrew Parsekian, Liu, L., Chen, J., Natali, S. M., Ludwig, S., Schaefer, S.
2018
- **Topographic Constraints on the Evolution and Connectivity of Titan's Lacustrine Basins** *GEOPHYSICAL RESEARCH LETTERS*
Hayes, A. G., Birch, S. D., Dietrich, W. E., Howard, A. D., Kirk, R. L., Poggiali, V., Mastrogioseppe, M., Michaelides, R. J., Corlies, P. M., Moore, J. M., Malaska, M. J., Mitchell, K. L., Lorenz, et al
2017; 44 (23): 11745–53
- **Constraining the physical properties of Titan's empty lake basins using nadir and off-nadir Cassini RADAR backscatter** *ICARUS*
Michaelides, R. J., Hayes, A. G., Mastrogioseppe, M., Zebker, H. A., Farr, T. G., Malaska, M. J., Poggiali, V., Mullen, J. P.
2016; 270: 57-66