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**Mau Nam Nguyen\***, Department of Mathematics and Statistics, Portland, OR 97201. *On Mordukhovich's Criteria for Lipschitz Properties of Nonsmooth Functions and Set-Valued Mappings.*

In this talk we revisit Mordukhovich's subdifferential criterion for Lipschitz continuity of nonsmooth functions and coderivative criterion for the Aubin/Lipschitz-like property of set-valued mappings. The criteria are useful and beautiful results in modern variational analysis showing the state of the art of the field. We also present some applications of the criteria to obtain necessary and sufficient conditions for Lipschitz properties of a number of important class of nonsmooth functions and set-valued mappings. (Received February 05, 2018)