



重慶交通大學
CHONG QING JIAO TONG UNIVERSITY

数学与统计学院 学术报告

Title: Singular phenomena in nonlinear elliptic equations

Abstract: We discuss several original results concerning singular phenomena in nonlinear PDEs. Our analysis includes problems with blow-up boundary, singular elliptic equations with convection, and lack of monotonicity for two important classes of nonlinear problems. Several open questions are also raised in the final part of this talk.

Speaker: Professor Vicentiu Radulescu is a Full Professor at the University of Romania and a Professor Fellow at the Institute of Mathematics of the Romanian Academy, Bucharest. He is an internationally renowned expert in the field of nonlinear analysis. His tutor was Professor H. Brezis, an academician of the French Academy of Sciences. Professor Vicentiu Radulescu won the Simion Stoilow Prize of the Romanian Academy of Sciences and has served as Editor-in-Chief of *Advances in Nonlinear Analysis and Boundary Value Problems*, as well as Editor of *Journal of Mathematical Analysis and Applications*, *Journal of Geometric Analysis*, *Mathematical Methods in the Applied Sciences* and *Discrete and Continuous Dynamical Systems, Series S* and so on. His current citation is above 7030 and he was named as 2019 and 2020 Highly Cited Researcher by Clarivate Analytics.

Time: Dec. 16, 2020, 14:00PM-15:00PM, Asia/Beijing

Dec. 16, 2020, 8:00AM-9:00AM, Europe/Romania

Meeting ID: 175 514 533

Link: <https://meeting.tencent.com/s/UymYcm5BzfMa>

Host: Department of Mathematics, Chongqing Jiaotong University, China