



## SEMINAR ANNOUNCEMENT

جامعة  
الملك سعود  
King Saud University



*A seminar will be given at department of Mathematics by*

### Pr. Vicentiu Radulescu

Mathematics Institute of the Romanian Academy,  
Bucharest and AGH University of Science and  
Technology, Krakow, Poland



**Wednesday April 3, 2019**  
**Room 2A133**  
**9h30**

**Title:** Anisotropic double phase problems and perspectives

*Abstract.* We develop some recent results concerning the qualitative analysis of some classes of nonlinear problems with variable exponent. In all cases, the associated energy is anisotropic and has unbalanced growth. The study is motivated by phenomena arising in non-Newtonian fluids and image reconstruction.