

Bahçeşehir University, Istanbul, Turkey
Analysis & PDE Center, Ghent University, Ghent, Belgium
Institute Mathematics & Math. Modeling, Almaty, Kazakhstan

“Analysis and Applied Mathematics”

Weekly Online Seminar

Seminar leaders:

Prof. Allaberen Ashyralyev (BAU, Istanbul),
Prof. Michael Ruzhansky (UGent, Ghent),
Prof. Makhmud Sadybekov (IMMM, Almaty)

Date: **Tuesday, April 12, 2022**

Time: 14.00-15.00 (Istanbul) = 13.00-14.00 (Ghent) = 17.00-18.00 (Almaty)

Zoom link: [https://us02web.zoom.us/j/6678270445?pwd=SFNmQUIvT0tRaH-
lDaVYrN3l5bzJVQT09](https://us02web.zoom.us/j/6678270445?pwd=SFNmQUIvT0tRaH-
lDaVYrN3l5bzJVQT09), **Conference ID:** 667 827 0445, **Access code:** 1

Speaker:

Prof. Dr. Mokhtar Kirane

Khalifa University, United Arab Emirates

Title: **Blow-up of some Nonlinear PDE's and Generalization for Fractional Calculus**

Abstract: In this talk, some problems with blowing-up solutions will be presented. The results are obtained using the nonlinear capacity method.

Biography:

Mokhtar Kirane obtained his PhD degree in Mathematics in 1983 from Université Pierre et Marie Curie, Paris, France. After completion of his studies, he had a position of an Asst. Prof. and an Assoc. Prof. (1988- 1992) at Badji Mokhtar University (Annaba, Algeria), Assoc. Prof. (1994-2001) at Université de Picardie, France and Prof. (2001-2020) at Université de La Rochelle, France. Dr. Mokhtar Kirane holds currently a position of a Prof. at Khalifa University, United Arab Emirates. His topics of research deal mostly with PDEs, Inverse Problems, Image Processing, Biomathematics.