



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, February 7, 2023**

Time: 14.00-15.00 (Istanbul) = 12.00-13.00 (Ghent) = 17.00-18.00 (Almaty)

Zoom link: <https://us02web.zoom.us/j/6678270445?pwd=SFNmQUlVt0tRaH-IDaVYrN3I5bzJVQT09>, **Conference ID:** 667 827 0445, **Access code:** 1

Speaker:

Prof. Dr. Vitaly Volpert

Claude Bernard University Lyon 1, France

Title: **Epidemic models with time delay**

Abstract: In this lecture we will introduce a new class of epidemic models with distributed and point-wise delay. We will compare them with conventional compartmental models and will use them to describe the data on COVID-19 epidemic.

Biography:

Vitaly Volpert is a senior researcher at the CNRS and University of Lyon (France). His field of research includes partial differential equations and mathematical modelling in biology and medicine.