PROGRAM OF THE SUMMER SCHOOL
WORKSHOP "Modern Problems in PDEs
and Applications"
11 August 2023
Ghent Analysis & PDE Center
Ghent University

Friday 11 August	Auditorium Leslokaal 3.1 Krijgslaan 281, Building S8, Ghent University
14:00 – 14:15	**Julio Delgado:** *Weyl-Hörmander calculus and applications to the analysis of PDEs*
14:20 – 14:35	**Nurgissa Yessirkegenov:** *Hardy and Rellich type identities related to Baouendi-Grushin operators*
14:40 – 14:55	**Duván Cardona:** *On the Benjamin-Ono equation in the half line*
15:00 – 15:15	**Yerkin Shaimerdenov:** *Critical Sobolev type identities and inequalities*
15:15 – 15:25	**Coffee Break**
15:25 – 15:40	**Alibek Yeskermessuly:** *On the deficiency index of a differential operator with fast oscillating coefficients*
15:45 – 16:00	**Markos Yimer:** *Some new multidimensional Cochran-Lee and Hardy type inequalities*
16:05 – 16:20	**Asselya Smadiyeva:** *A Cauchy-Dirichlet problem for the Hadamard time-fractional diffusion equation*
16:25 – 16:40	**Yergen Aikyn:** *Quantum groups*
17:00	**Refreshments**