

8th Croatian Mathematical Congress

Tuesday, 2 July 2024

Partial Differential Equations and Applications - D9 (16:05 - 17:25)

-Conveners: Josip Tambača

time	[id] title	presenter
16:05	[73] Optimal design of transversely loaded plate	JANKOV PAVLOVIĆ, Jelena
16:25	[59] On mathematical tools for studying oscillation and concentration effects at infinity for sequences of absolutely continuous functions	Prof. RAGUŽ, Andrija
16:45	[69] Homogenization of the planar one-dimensional periodic elastic rod structures	Dr TAMBAČA, Josip
17:05	[122] Improved equilibration rates to self-similarity for a thin-film equation	BUKAL, Mario

Wednesday, 3 July 2024

Partial Differential Equations and Applications - D9 (16:05 - 17:25)

-Conveners: Marko Erceg

time	[id] title	presenter
16:05	[125] Poroelastic plate model obtained by simultaneous homogenization and dimension reduction	HERNANDEZ LLANOS, PEDRO LUIS
16:25	[151] Domain-dependent Deep Learning Reduced Order Models	Ms MANOJLOVIĆ, Iva
16:45	[89] Regularity of solutions to degenerate parabolic equations	ERCEG, Marko
17:05	[124] Non-stationary theory for skew-symmetric and abstract Friedrichs operators	SONI, Sandeep Kumar

Friday, 5 July 2024

Partial Differential Equations and Applications - D9 (10:30 - 11:50)

-Conveners: Andrijana Ćuković

time	[id] title	presenter
10:30	[135] Weak solutions for a compressible fluid-rigid body interaction problem with general inflow-outflow boundary data	RADOŠEVIĆ, Ana
10:50	[141] Asymptotic analysis of heat transfer in flow through a thin dilated pipe	ĆUKOVIĆ, Andrijana
11:10	[165] Mathematical Analysis of Two-Phase Two-Component Flow in Porous Media in Global Pressure Formulation	ŽGALJIĆ KEKO, Ana
11:30	[160] Homogenization result for two-phase two-component flow in porous media	VRBAŠKI, Anja