

EDITORIAL

Integro-differential models of natural and anthropogenic processes and phenomena arise in many research problems ranging from physical and chemical processes to biophysics and life science. The theory of its theoretical description is closely connected with various areas of pure and applied mathematics including integro-differential equations, nonlinear dynamics, pattern formation, non-Markovian processes, non-linear and anomalous transport, time-delay equations and so on. While working on the content of our special issue we were focused on selecting the most original and high-quality contributions related to the mathematical theory of such processes and phenomena including the models, computational algorithms and analysis and mathematical methods regarded as new and promising for the understanding the problem arise both in natural and anthropogenic conditions. Among the others the contributions devoted to the real applications of integro-differential models in physical, physicochemical and biophysical processes and natural phenomena were appreciated. We are now happy to announce our work on special issue “Integro-differential models of natural and anthropogenic processes and phenomena” is successfully completed, so please enjoy the recent achievements in the field and feel free to contact the authors regarding your questions and hopefully new fruitful collaborations.

We thank heartily all the authors who submitted their research papers and the reviewers who assisted in reviewing process. It is especially appreciated since we know how hard it is to manage work-life balance in pandemic times.

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