

Workshop on Fractality and Fractionality Lorentz Center, 17–20 May 2016

At the Lorentz Center from May 17 until May 20, 2016, the Workshop on Fractality and Fractionality has been held. The number of participants, about 60, reached the maximum capacity of the Lorentz Center. The organization was forced to turn down many more applications for attendance. The organization was very pleased with the large interest from participants abroad, almost all, that confirmed the intended international character of the workshop. Another positive element was the large participation of young researchers.

The scientific program consisted of 29 plenary lectures (many of them by invited speakers) and 6 discussion sessions (pairwise in parallel) devoted to selected research topics. Next to the lectures and organized discussion sessions, the program offered ample time for informal discussions, also stimulated by the organizers through long lunch breaks, as well as shorter breaks between the lectures. These discussions also continued after the scheduled lectures, occasionally until after midnight in small groups. Certainly the excellent facilities of the Lorentz Center played an important role in the success of the workshop.

The workshop was concluded by a large ‘round table’ discussion session. Here a number of open problems to work on in the future have been posed. Participants have been invited to submit more open problems to the journal ‘Modern Stochastics: Theory and Applications’ with co-editors-in-chief K. Kubilius (participant of the workshop) and Yu. Mishura (organizer of the workshop). The same journal will also publish selected papers with a stochastic content related to the lectures in a special issue. Selected unpublished papers with an analytic content will be invited for publication in the journal ‘Fractional Calculus and Applied Analysis’ (editor-in-chief V. Kiryakova, participant of the workshop).

The organizers have received many very positive reactions by the participants during the workshop. The high scientific content of the program was praised, as well as the facilities of the Lorentz Center and the very helpful assistance by the staff.



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