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“Days on Diffraction” is an annual conference taking place in St. Petersburg since 1968. The event is organized in May–June by St. Petersburg University, St. Petersburg Department of Steklov Mathematical Institute and Euler International Mathematical Institute of the Russian Academy of Sciences.

About 170 scientists come from different parts of the world to participate in “Days on Diffraction” 2013; the Organizing Committee thanks all of them. Of special gratitude are the authors of extended abstracts submitted to the Proceedings; 30 of them (selected by peer-review) are published in the present issue.

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