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"Days on Diffraction" is an annual conference taking place in May–June in St. Petersburg since 1968. The present event is organized by St. Petersburg State University, St. Petersburg Department of the Steklov Mathematical Institute, the Euler International Mathematical Institute and the ITMO University.

More than 280 scientists from 26 countries participated in "Days on Diffraction 2016"; the Organizing Committee thanks them all. Of special gratitude are the authors of extended abstracts submitted to the Proceedings; 92 of them (selected by peer-review) are published in the present issue.

Web site of the conference: `http://www.pdmi.ras.ru/~dd/`

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