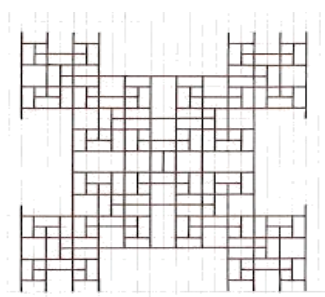


DIMACS Conference on Challenges Identifying Integer Sequences: Celebrating 50 Years of the OEIS

**DIMACS Center, Rutgers University
Piscataway, New Jersey**

October 9 – 10, 2014

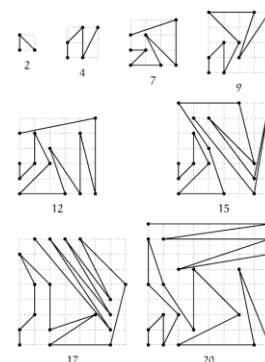


About the Conference

A conference “Challenges of Identifying Integer Sequences” will be held at the DIMACS Center, Rutgers University **October 9-10, 2014**. The conference invites participants to consider the challenges and advances in research in the computational sciences that can be attributed to the On-Line Encyclopedia of Integer Sequences (OEIS). The conference will include discussions on the importance of having an easily accessible database of sequences and the difficulties of identifying and computing sequences.

About OEIS

The On-Line Encyclopedia of Integer Sequences (OEIS) was created in 1996 listing 10,000 sequences. Since then, the OEIS has grown to include nearly 250,000 sequences. The list was started by Neil J. A. Sloane in 1964 when, as a graduate student, he began collecting integer sequences on file cards. These were later transferred to punched cards and eventually published as A Handbook of Integer Sequences in 1973 by Academic Press. This first edition of the Handbook included more than 2,300 sequences. Several supplements to the Handbook were issued soon after that. The popularity of the Handbook eventually led to the publication of The Encyclopedia of Integer Sequences by Neil Sloane and Simon Plouffe in 1995, which contained 5488 sequences. The website followed within a year and has continued to add to its sequence database.



Call for Posters

Participants are invited to submit an abstract for a poster presentation scheduled for the conference. The topic should be consistent with the conference theme of challenges of identifying, and applications of, integer sequences. Instructions on and a link for submitting abstracts can be found at the conference webpage

<http://dimacs.rutgers.edu/Workshops/OEIS/>

Review of abstracts will begin Sept. 1, 2014 and continue until all slots are filled.

Funding is available to support "early career" researchers to attend the conference. Preference will be given to those early career researchers within 5 years of their doctorate, but we will consider others as funds allow. Applications for financial support are now being accepted.

For questions or more information on the conference, see the website or contact Eugene Fiorini, Associate Director of DIMACS & Program Coordinator (gforini@dimacs.rutgers.edu).

The Conference is organized by the Center for Discrete Mathematics and Theoretical Computer Science (DIMACS) and the Rutgers University Department of Mathematics, with funding provided by the US National Science Foundation.

DIMACS

Center for Discrete Mathematics & Theoretical Computer Science
Founded as a National Science Foundation Science and
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