

OP-SF NET – Volume 22, Number 6 – November 15, 2015

The Electronic News Net of the
SIAM Activity Group on Orthogonal Polynomials and Special Functions

<http://math.nist.gov/opsf>

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Calendar of Events:

January 6–9, 2016

2016 Joint Mathematics Meetings, American Mathematical Society,
Washington State Convention Center, Seattle, Washington, USA

AMS Special Session on Special Functions and q -Series,

Organized by Richard Askey, Mourad E. H. Ismail, and Erik Koelink,

http://jointmathematicsmeetings.org/meetings/national/jmm2016/2181_program_ss31.html#title

AMS Special Session on Recent Advances in Orthogonal Polynomials and Special Functions,

Organized by Xiang-Sheng Wang,

http://jointmathematicsmeetings.org/meetings/national/jmm2016/2181_program_ss17.html#title

June 5–10, 2016

XII international Conference on Approximation and Optimization,
Havana University, Cuba

<http://gama.uc3m.es/appopt>

June 27 – July 1, 2016

Abecederian of SIDE (ASIDE) 12 Summer School,
Centre de Recherches mathématiques, Université de Montréal, Montréal, Quebec, Canada
<http://www.crm.umontreal.ca/2016/ASIDE2016>

July 3–9, 2016

Symmetries and Integrability of Difference Equations 12,
Hôtel Le Chanteclerc, Saint Adèle, Québec, Canada
<http://www.crm.umontreal.ca/2016/SIDE12/index.php>

July 11–15, 2016

OPSF–S6 Summer School on Orthogonal Polynomials and Special Functions,
Dedicated to the memory and legacy of Frank W. J. Olver,
[Norbert Wiener Center for Harmonic Analysis and Applications](#),
University of Maryland, College Park, Maryland, USA
<http://www.norbertwiener.umd.edu/Education/OPSFS6>

June 26–30, 2017

OPSF–S7 Summer School on Orthogonal Polynomials and Special Functions,
University of Kent, Canterbury, UK
<http://www.kent.ac.uk/smsas/personal/opsfa>

July 3–7, 2017

14th International Symposium on Orthogonal Polynomials, Special Functions and
Applications (OPSFA14), University of Kent, Canterbury, UK
<http://www.kent.ac.uk/smsas/personal/opsfa>

July 10–19, 2017

Foundations of Computational Mathematics,
Barcelona, Spain
<http://focm-society.org>

Topic #1 ——— OP – SF Net 22.6 ——— November 15, 2015

From: Walter van Assche (Walter.VanAssche@wis.kuleuven.be)
Subject: Barry Simon receives the 2016 AMS Leroy P. Steele Prize

Barry Simon (California Institute of Technology) will receive the 2016 AMS Leroy P. Steele Prize for Lifetime Achievement for “his impact on the education and research of a generation of mathematical scientists through his significant research achievements, his highly influential books, and his mentoring of graduate students and postdoctoral fellows.”

Barry Simon was already a well-known researcher in Mathematical and Theoretical Physics (his book “Methods of Modern Mathematical Physics,” with Michael Reed from the 1970’s is a classic) when he decided to dive into the field of orthogonal polynomials. He wrote a two-volume set “Orthogonal Polynomials on the Unit Circle” in 2005 in the same AMS book series where Szegő’s book on “Orthogonal Polynomials” appeared, and this set became an instant classic. Another book of interest to OPSF people is “Szegő’s Theorem and its Descendants: Spectral Theory for L^2 Perturbations of Orthogonal Polynomials” (Princeton University Press, 2011). Not only does Barry add very interesting work to OPSF, but he is

so energetic that he almost clears the field. Personally I must confess that he writes faster than I can read.

Previously Barry also received the Henri Poincaré Prize of the International Association of Mathematical Physics (2012) and the Bolyai Prize of the Hungarian Academy of Sciences (2015). The SIAG OPSF congratulates Barry for this new distinction and we are very proud to have you on our membership list. The prize will be awarded on Thursday, January 7, 2016, at the Joint Mathematics Meetings in Seattle.

See more at [link](#) and [here](#).

Topic #2 — OP – SF Net 22.6 — November 15, 2015

From: Walter van Assche (Walter.VanAssche@wis.kuleuven.be)

Subject: Message from the Chair

The membership of our activity group is increasing and at the last count (October 2015) there were 173 members. See Figure 1 for the evolution of the number of members.

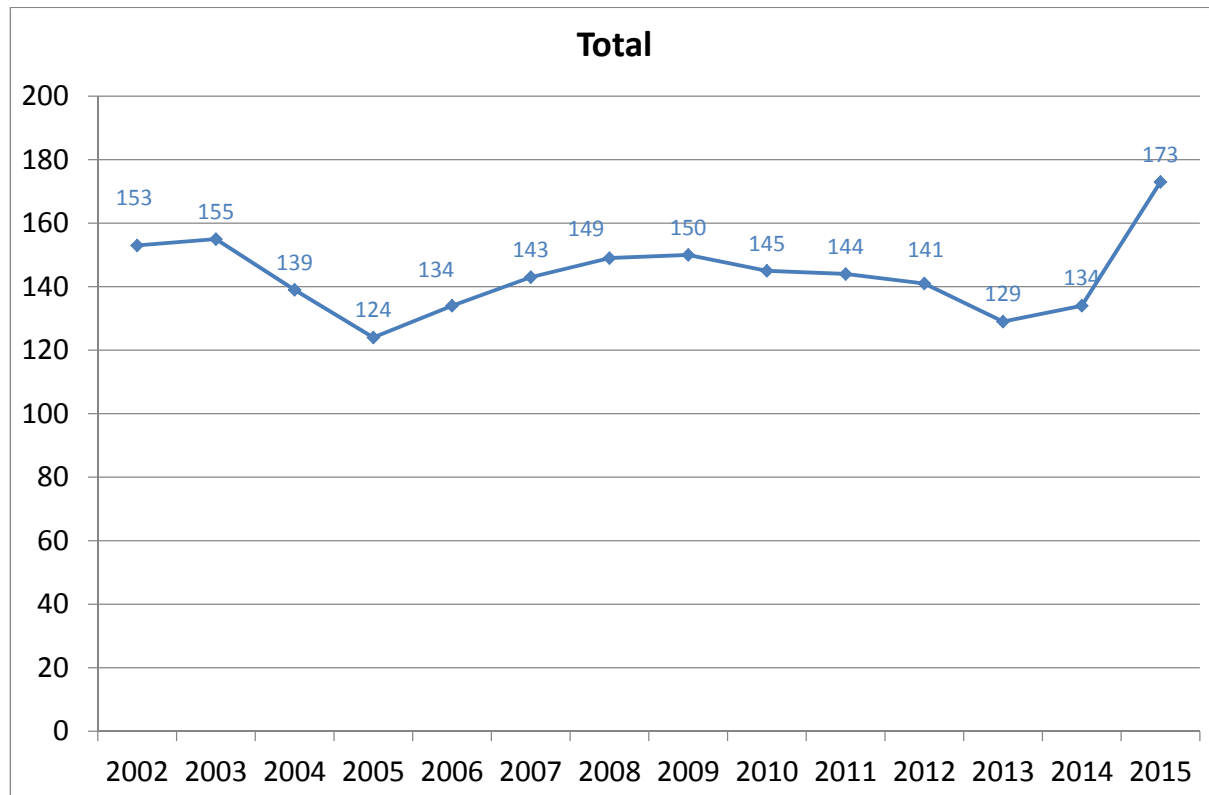


Figure 1: SIAM OPSFA membership

International members can join SIAM and the activity group through reciprocal membership, but unfortunately there are not so many reciprocal agreements:

<http://www.siam.org/membership/individual/reciprocal.php>.

Students can join SIAM for free if their institution is an academic member of SIAM, if they are member of a student chapter of SIAM, or if they are nominated by a nonstudent mem-