

# OP - SF NET - Volume 18, Number 1 – January 15, 2011

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The Electronic News Net of the  
SIAM Activity Group on Orthogonal Polynomials and Special Functions  
<http://math.nist.gov/opsf/>

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or to: [listproc@nist.gov](mailto:listproc@nist.gov)

## Today's Topics

1. Activity Group Officers, 2011-2013
2. q-Series 2011 (honouring M. Ismail and D. Stanton)
3. 8th ISAAC Congress in Moscow
4. Preprints in arXiv.org
5. About the Activity Group
6. Submitting contributions to OP-SF NET and SIAM-OPSF (OP-SF Talk)

## Calendar of Events:

### February 1-5, 2011

RSME 100. Workshop on New Trends and Applications of Orthogonal Polynomials and Special Functions. Avila, Spain.  
<http://euler.us.es/~opap/opsf-rsme/>

### February 16-19, 2011

International Conference on Operator Theory, Monastir, Tunisia  
<http://www.lpm-fss.org/icot2011/>

### March 14-16, 2011

q-Series 2011: International Conference on q-Series, Partitions and Special Functions, honouring Mourad Ismail and Dennis Stanton, Statesboro, Georgia, USA 18.1 #2  
[http://math.georgiasouthern.edu/~hwang/index\\_files/q\\_web/index.htm](http://math.georgiasouthern.edu/~hwang/index_files/q_web/index.htm)

### April 6-8, 2011

Special Functions in the 21<sup>st</sup> Century: Theory and Applications (dedicated to Frank W. J. Olver), Washington, DC, USA 17.6 #3  
<http://math.nist.gov/~DLozier/SF21>

**April 6-8, 2011**

Vicious Walkers and Random Matrices, École de Physique des Houches, French Alps, May 16-27, 2011

<http://www-fourier.ujf-grenoble.fr/~peche/Houches.html>

**May 17-21, 2011**

International Symposium in Approximation Theory, Nashville, Tennessee, USA

<http://www.math.vanderbilt.edu/~Nashville2011/>

**May 30- June 3, 2011**

International Conference on Asymptotics and Special Functions, Hong Kong

<http://www6.cityu.edu.hk/rcms/ICASF2011/index.html>

**June 5-11, 2011**

Computational Complex Analysis and Approximation Theory (CCAAT 2011).  
in honor of Professor Nicolas Papamichael, Protaras, Cyprus

<http://www.cyprusconferences.org/ccaat/>

**June 17-23, 2011**

"Painlevé equations and related topics", St. Petersburg, Russia

<http://www.pdmi.ras.ru/EIMI/2011/PC/index.html>

**July 3-9, 2011**

22th International Workshop on Operator Theory and Applications,  
Universidad de Sevilla, Seville, Spain.

<http://congreso.us.es/iwota2011/>

**July 4-14, 2011**

Foundations of Computational Mathematics FOCM'11. Budapest, Hungary,  
including minisymposia on "Special Functions and Orthogonal Polynomials",  
"Asymptotic analysis and high oscillation" and "Approximation theory".

17.4 #2

<http://www.damtp.cam.ac.uk/user/na/FoCM11/>

**July 18-22, 2011**

ICIAM 2011 - 7th International Congress on Industrial and Applied  
Mathematics, Vancouver, Canada (including minisymposium on "Painlevé  
equations")

<http://www.iciam2011.com>

17.6 #6

**July 24-29, 2011**

Complex Analysis, Operator and Approximation Theories, Conference  
dedicated to the memory of Franz Peherstorfer, Linz, Austria

<http://www.caota2011.jku.at/>

**July 28-30, 2011**

International Conference on Special Functions & their Applications (ICSFA  
2011), (10th Annual Conference of SSFA), Jodhpur, India

<http://www.ssfaIndia.webs.com/conf.htm>

**August 8-13, 2011**

"Formal and Analytic Solutions of Differential and Difference Equations",  
Bedlewo, Poland  
<http://www.impan.pl/~fasde/>

**August 15-19, 2011**

Special Functions and Orthogonal Polynomials of Lie Groups and  
their Applications, Decin, Czech Republic, 15-19 August, 2011  
<http://www.imath.kiev.ua/~maryna/conf2011.html>

**August 22-26, 2011**

Paul Turán Memorial Conference, Budapest, Hungary  
<http://www.renyi.hu/~turan100/>

**August 22-27, 2011**

8th ISAAC Congress, Moscow, Russian Federation 18.1 #3  
<http://www.isaac2011.org/>

**August 29 – September 2, 2011**

OPSFA-11: 11-th International Symposium on Orthogonal Polynomials, Special  
Functions and Applications, to celebrate Francisco (Paco) Marcellán's 60-th  
birthday, Madrid, Spain 17.4 #1  
<http://gama.uc3m.es/opsfa11/>

**Topic #1 ----- OP-SF NET 18.1 ----- January 15, 2011**

From: Tom Koornwinder [T.H.Koornwinder@uva.nl](mailto:T.H.Koornwinder@uva.nl)  
Subject: Activity Group Officers, 2011-2013

Joanna Littleton of SIAM Headquarters sent me the election results for the SIAG  
OPSF board for the period January 1, 2011 to December 31, 2013:

Chair: Francisco Marcellán  
Vice Chair: Jeffrey S. Geronimo  
Program Director: Diego Dominici  
Secretary: Peter Clarkson

There were 35 voters out of 139 members of the SIAG OPSFA (25%). This is  
comparable to the turnout at other SIAG elections.

Here are short bios of the elected officers:

**Francisco (Paco) Marcellán** has been Full Professor of Mathematics at Universidad  
Carlos III de Madrid since 1991. Since 2009 he has been Head of of the Department

of Mathematics there. He holds MS and PhD degrees in Mathematics from the University of Zaragoza, Spain. He has research interests in orthogonal polynomials, special functions, numerical linear algebra, Fourier series and signal analysis. Paco has served our Activity Group as Program Director (1999-2004) and Chair (2008-2010).

**Jeffrey S. Geronimo**, Ph.D (Physics, Rockefeller University), has been Full Professor in the School of Mathematics at Georgia Institute of Technology since 1991. His research interests include applied mathematics, orthogonal polynomials, wavelets and fractals.

**Diego Dominici**, Licenciado (Buenos Aires), PhD (Illinois at Chicago) is Assistant Professor of Mathematics at the State University of New York at New Paltz and has been a frequent research visitor in various places notably Technische Universität Berlin. Since 2006, he has been Co-Editor of OP-SF NET and is a Moderator of OP-SF TALK. His research interests include asymptotic methods, special functions, difference equations, stochastic models, inverse functions and symbolic computation.

**Peter Clarkson**, BA, D. Phil. (Oxford), has been Professor of Mathematics at the University of Kent, UK since 1995 and is Head of the Mathematics Group there. His research interests include integrable systems (in particular the Painlevé equations) and symmetry methods for exact solutions of differential equations. He has served the Activity Group as Secretary (2002-2004), Chair (2005-2007) and Vice Chair (2008-2010).

Congratulations to the new Officers and thanks to all of the candidates for election.

Tom Koornwinder,  
Chair of Nominating Committee

## **Topic #2        OP-SF NET 18.1        January 15, 2011**

From: OP-SF Net Editors

Subject: q-Series 2011 (honouring M. Ismail and D. Stanton)

The following information is from the web site

[http://math.georgiasouthern.edu/~hwang/index\\_files/q\\_web/index.htm](http://math.georgiasouthern.edu/~hwang/index_files/q_web/index.htm)

An International Conference on **q-Series, Partitions and Special Functions** will be held at Georgia Southern University, Statesboro, Georgia, USA during March 14-16, 2011. This conference is the continuation of a series of successful international conferences on Partition Theory, q-Series, Special Functions and their applications. It will also honour Mourad Ismail and Dennis Stanton for their valuable contributions to Number Theory and Special Functions throughout their careers.

This conference is expected to mesh well with the AMS Sectional Meeting which will be held at the same location on March 12-13. See [http://www.ams.org/meetings/sectional/2173\\_program.html](http://www.ams.org/meetings/sectional/2173_program.html)

The plenary speakers will be George Andrews, Richard Askey, Bruce Berndt, Christian Krattenthaler, Ken Ono, Peter Paule and Doron Zeilberger.

Other speakers are expected to include Krishnaswami Alladi, Alexander Berkowich, Matthew Boylan, David Bressoud, Amanda Folsom, Shisuo Fu, Kristina Garrett, Sharon Garthwaite, Frank Garvan, Ira Gessel, Michael Hirschhorn, Brandt Kronholm, Kagan Kursungosz, Steven Milne, Robert Lemke Oliver, Helmut Prodinger, Victor Reiner, Carla Savage, James Sellers, Sergei Suslov, Holly Swisher, Ole Warnaar and Jiang Zeng.

Further information is available at the conference web site: [http://math.georgiasouthern.edu/~hwang/index\\_files/q\\_web/index.htm](http://math.georgiasouthern.edu/~hwang/index_files/q_web/index.htm)

### **Topic #3 ----- OP-SF NET 18.1 ----- January 15, 2011**

From: Juri Rappoport [jmrapp@landau.ac.ru](mailto:jmrapp@landau.ac.ru)  
Subject: 8th ISAAC Congress in Moscow

The 8th ISAAC (International Society for Analysis, its Applications and Computation) Congress will be held in Moscow, Russian Federation during August 22 – 27, 2011. It will be organized by

- People's Friendship University of Russia,
- Division of Mathematics of the Russian Academy of Sciences,
- Steklov Institute of Mathematics
- Moscow State University

and will take place at People's Friendship University of Russia.

The website of the ISAAC Congress can be found at <http://www.isaac2011.org>

The International Society for Analysis, its Applications and Computation (ISAAC) has been organizing the International ISAAC Congress biennially since 1997. The previous Congresses took place in the USA (Delaware 1997), Japan (Fukuoka 1999), Germany (Berlin 2001), Canada (Toronto 2003), Italy (Catania 2005), Turkey (Ankara 2007) and the United Kingdom (London 2009).

The Co-Chairmen of the Congress are prominent mathematicians:

- V.M.Filippov, Rector of Peoples' Friendship University of Russia,
- V.V.Kozlov, Director of the Steklov Institute of Mathematics,
- V.A.Sadovnichy, Rector of Moscow State University.

There will be sessions on real and complex analysis, approximation theory, asymptotic analysis, integral transforms and many other topics related to special

functions. Awards will be presented to young scientists (under age 40) for special merit in analysis, its applications and computation.

Those interested in delivering a talk in a particular session are asked to contact the session organizer. At the same time they are requested to send a preregistration form by e-mail to the local organizers: [info@isaac2011.org](mailto:info@isaac2011.org).

The title of the talk and a one-page abstract will be required soon.

The Congress gives a good opportunity for visiting and sightseeing in Moscow. The OP-SF SIAM Activity Group Members and other scientists are invited to participate in the Congress.

Juri Rappoport

Member of the International Advisory Board

Member of the Organizing Committee

Co-organiser of the section "Modern aspects of the theory of integral transforms"

## **Topic #4 ----- OP-SF NET 18.1 ----- January 15, 2011**

From: OP-SF NET Editors

Subject: Preprints in arXiv.org

The following preprints related to the fields of orthogonal polynomials and special functions were posted or cross-listed to one of the subcategories of arXiv.org mostly during November and December 2010.

<http://arxiv.org/abs/1011.1492>

Expansions of one density via polynomials orthogonal with respect to the other

Authors: [Paweł J. Szablowski](#)

<http://arxiv.org/abs/1011.1669>

A "missing" family of classical orthogonal polynomials

Authors: [Luc Vinet](#), [Alexei Zhedanov](#)

<http://arxiv.org/abs/1012.0943>

Subordination by orthogonal martingales in  $L^p$  and zeros of Laguerre polynomials

Authors: [Alexander Borichev](#), [Prabhu Janakiraman](#), [Alexander Volberg](#)

<http://arxiv.org/abs/1012.2719>

Matrix Valued Orthogonal Polynomials related to  $(SU(2) \times SU(2), \text{diag})$

Authors: [Erik Koelink](#), [Maarten van Pruijssen](#), [Pablo Roman](#)

<http://arxiv.org/abs/1012.5268>

Orthogonal polynomials and expansions for a family of weight functions in two variables

Authors: [Yuan Xu](#)

<http://arxiv.org/abs/1011.1760>  
Relatively Prime Polynomials and Nonsingular Hankel Matrices over Finite Fields  
Authors: [Mario Garcia Armas](#), [Sudhir R. Ghorpade](#), [Samrith Ram](#)

<http://arxiv.org/abs/1011.1848>  
On summable form of Poisson-Mehler kernel for big  $q$ -Hermite and Al-Salam-Chihara polynomials  
Authors: [Paweł J. Szablowski](#)

<http://arxiv.org/abs/1011.2017>  
The Szegő curve and Laguerre polynomials with large negative parameters  
Authors: [Carlos Díaz Mendoza](#), [Ramón Orive](#)

<http://arxiv.org/abs/1011.3833>  
Rational approximations to values of Bell polynomials at points involving Euler's constant and zeta values  
Authors: [Khodabakhsh Hessami Pilehrood](#), [Tatiana Hessami Pilehrood](#)

<http://arxiv.org/abs/1011.4734>  
Vanishing integrals for Hall-Littlewood polynomials  
Authors: [Vidya Venkateswaran](#)

<http://arxiv.org/abs/1011.4857>  
On explicit factors of Cyclotomic polynomials over finite fields  
Authors: [Liping Wang](#), [Qiang Wang](#)

<http://arxiv.org/abs/1011.4930>  
Strict Positivstellensätze for matrix polynomials with scalar constraints  
Authors: [Jaka Cimpric](#)

<http://arxiv.org/abs/1011.5585>  
On the limit from  $q$ -Racah polynomials to big  $q$ -Jacobi polynomials  
Authors: [Tom H. Koornwinder](#)

<http://arxiv.org/abs/1011.0984>  
Multivariate Rogers-Szegő polynomials and flags in finite vector spaces  
Authors: [C. Ryan Vinroot](#)

<http://arxiv.org/abs/1011.1331>  
Positive trigonometric polynomials for strong stability of difference equations  
Authors: [Didier Henrion](#) (LAAS, CTU/FEE), [Tomas Vyhlídal](#) (CTU/FEE)

<http://arxiv.org/abs/1011.1429>  
A limit  $q \rightarrow -1$  for the big  $q$ -Jacobi polynomials  
Authors: [Luc Vinet](#), [Alexei Zhedanov](#)

<http://arxiv.org/abs/1011.1457>  
A Bochner theorem for Dunkl polynomials  
Authors: [Luc Vinet](#), [Alexei Zhedanov](#)

<http://arxiv.org/abs/1011.1541>

On the structure and probabilistic interpretation of Askey-Wilson densities and polynomials with complex parameters

Authors: [Paweł J. Szablowski](#)

<http://arxiv.org/abs/1012.1262>

Loop symmetric functions and factorizing matrix polynomials

Authors: [Thomas Lam](#)

<http://arxiv.org/abs/1012.1902>

Sutherland-type Trigonometric Models, Trigonometric Invariants and Multivariate Polynomials. III.  $E_8$  case

Authors: [K.G.Boreskov](#), [A.V.Turbiner](#), [J.C.López Vieyra](#), [M.A.G.García](#)

<http://arxiv.org/abs/1012.2931>

Oscillator Variations of the Classical Theorem on Harmonic Polynomials

Authors: [Cuiling Luo](#), [Xiaoping Xu](#)

<http://arxiv.org/abs/1012.2933>

Irrationality of the Roots of the Yablonskii-Vorob'ev Polynomials and Relations between Them

Authors: [Pieter Roffelsen](#)

<http://arxiv.org/abs/1012.2987>

Relative symmetric polynomials and money change problem

Authors: [Mohammad Shahryari](#)

<http://arxiv.org/abs/1012.3271>

Best  $\ell_1$ -approximation of nonnegative polynomials by sums of squares

Authors: [Jean Lasserre](#) (LAAS)

<http://arxiv.org/abs/1012.3833>

Congruences concerning Legendre polynomials

Authors: [Zhi-Hong Sun](#)

<http://arxiv.org/abs/1012.3836>

On some relations for Mellin transforms of Hardy's function

Authors: [Aleksandar Ivić](#)

<http://arxiv.org/abs/1012.3897>

On the height of cyclotomic polynomials

Authors: [Bartłomiej Bzdęga](#)

<http://arxiv.org/abs/1012.3898>

Congruences concerning Legendre polynomials II

Authors: [Zhi-Hong Sun](#)



<http://arxiv.org/abs/1012.4234>

Congruences concerning Legendre polynomials III

Authors: [Zhi-Hong Sun](#)

<http://arxiv.org/abs/1012.5437>

Zeta functions and Bernstein-Sato polynomials for ideals in dimension two

Authors: [Bart Bories](#)

<http://arxiv.org/abs/1012.5483>

Differentiation by integration with Jacobi polynomials

Authors: [Da-Yan Liu](#) (LAGIS, INRIA Lille - Nord Europe), [Olivier GIBARU](#) (INRIA Lille - Nord Europe, L2MA), [Wilfrid Perruquetti](#) (LAGIS, INRIA Lille - Nord Europe)

<http://arxiv.org/abs/1012.5538>

Generating functions for the Bernstein polynomials: A unified approach to deriving identities for the Bernstein basis functions

Authors: [Yilmaz Simsek](#)

<http://arxiv.org/abs/1011.4546>

On Hypergeometrics  ${}_3F_2(1)$  - A Review

Authors: [Michael Milgram](#)

<http://arxiv.org/abs/1012.1228>

Intertwining operators for Sklyanin algebra and elliptic hypergeometric series

Authors: [A. Zabrodin](#)

<http://arxiv.org/abs/1011.6329>

The  $SL_3$  Jones polynomial of the trefoil: a case study of  $q$ -holonomic recursions

Authors: [Stavros Garoufalidis](#), [Christoph Koutschan](#)

<http://arxiv.org/abs/1011.3303>

Some completely monotonic functions involving the  $q$ -gamma function

Authors: [Peng Gao](#)

<http://arxiv.org/abs/1012.4245>

Some approximation properties of Lupa's  $q$ -analogue of Bernstein operators

Authors: [N. I. Mahmudov](#), [P. Sabancigil](#)

<http://arxiv.org/abs/1012.3429>

The iterated integrals of  $\ln(1 + x^2)$

Authors: [Tewodros Amdeberhan](#), [Christoph Koutschan](#), [Victor H. Moll](#), [Eric S. Rowland](#)

<http://arxiv.org/abs/1011.0720>

On Asymptotics Of  $\Gamma_q(z)$  As  $q$  Approaching 1

Authors: [Ruiming Zhang](#)

<http://arxiv.org/abs/1012.0387>

Some completely monotonic functions involving the polygamma functions

Authors: [Peng Gao](#)

<http://arxiv.org/abs/1011.3359>

Jacob's ladders, Bessel's functions and the asymptotic solutions of a new class of nonlinear integral equations

Authors: [Jan Moser](#)

<http://arxiv.org/abs/1011.1278>

Non-intersecting squared Bessel paths: critical time and double scaling limit

Authors: [A. B. J. Kuijlaars](#), [A. Martinez-Finkelshtein](#), [F. Wielonsky](#)

<http://arxiv.org/abs/1012.6013>

Analytical Evaluation Of An Infinite Integral Over Four Spherical Bessel Functions

Authors: [R. Mehrem](#)

<http://arxiv.org/abs/1012.2038>

On hitting times of affine boundaries by reflecting Brownian motion and Bessel processes

Authors: [Paavo Salminen](#), [Marc Yor](#)

<http://arxiv.org/abs/1011.5897>

Riemann--Hilbert approach to the time-dependent generalized sine kernel

Authors: [K. K. Kozłowski](#)

<http://arxiv.org/abs/1011.6036>

Quadratic transformations of the sixth Painlevé equation in terms of Riemann-Hilbert correspondence

Authors: [Marta Mazzocco](#), [Raimundas Vidunas](#)

<http://arxiv.org/abs/1011.0545>

Riemann hypothesis and some new asymptotically multiplicative integrals which contain the remainder of the prime-counting function  $\pi(x)$

Authors: [Jan Moser](#)

<http://arxiv.org/abs/1011.3352>

Bernoulli Operator and Riemann's Zeta Function

Authors: [Yiping Yu](#)

<http://arxiv.org/abs/1011.3997>

On the Gram's Law in the Theory of Riemann Zeta Function

Authors: [M.A.Korolev](#)

<http://arxiv.org/abs/1012.3613>

On Nicolas criterion for the Riemann Hypothesis

Authors: [Youngju Choie](#), [Michel Planat](#) (FEMTO-ST), [Patrick Solé](#)

<http://arxiv.org/abs/1012.4264>

A physics pathway to the Riemann hypothesis

Authors: [German Sierra](#)

<http://arxiv.org/abs/1012.4665>

Riemann hypothesis and Quantum Mechanics

Authors: [Michel Planat](#) (FEMTO-ST), [Patrick Solé](#), [Sami Omar](#)

<http://arxiv.org/abs/1012.5939>

Renormdynamics, multiparticle production, negative binomial distribution and Riemann zeta function

Authors: [Nugzar Makhaldiani](#)

<http://arxiv.org/abs/1012.5091>

Vacuum stability, string density of states and the Riemann zeta function

Authors: [Carlo Angelantonj](#), [Matteo Cardella](#), [Shmuel Elitzur](#), [Eliezer Rabinovici](#)

<http://arxiv.org/abs/1011.5339>

On the roots of the equation  $\zeta(s)=a$

Authors: [R. Garunkstis](#), [J. Steuding](#)

<http://arxiv.org/abs/1012.0170>

On the convergence on nonlinear Padé--Chebyshev approximations to the multivalued analytic functions, variation of equilibrium energy and  $\mathbb{S}^2$ -property of stationary compacts

Authors: [Andrei A. Gonchar](#), [Evguenii A. Rakhmanov](#), [Sergey P. Suetin](#)

<http://arxiv.org/abs/1012.3495>

Conformal Mapping of Circular Quadrilaterals and Weierstrass Elliptic Functions

Authors: [Philip R. Brown](#) (Texas A&M University), [R. Michael Porter](#) (Cinvestav)

<http://arxiv.org/abs/1012.3881>

Uniform Estimates of the Prolate Spheroidal Wave Functions and Spectral Approximation in Sobolev Spaces

Authors: [Aline Bonami](#) (MAPMO), [Abderrazek Karoui](#)

<http://arxiv.org/abs/1012.4825>

Automorphic forms for elliptic function fields

Authors: [Oliver Lorscheid](#)

<http://arxiv.org/abs/1011.5830>

Inverse problems for periodic generalized Jacobi matrices

Authors: [Maxim Derevyagin](#)

<http://arxiv.org/abs/1012.3712>

Darboux transformations of Jacobi matrices and Padé approximation

Authors: [Maxim Derevyagin](#), [Vladimir Derkach](#)

<http://arxiv.org/abs/1011.1241>

On the eigenvalue problem for a particular class of finite Jacobi matrices

Authors: [F. Stampach](#), [P. Stovicek](#)

<http://arxiv.org/abs/1011.3521>

Parametric Evaluations of the Rogers Ramanujan Continued Fraction

Authors: [Nikos Bagis](#)

<http://arxiv.org/abs/1012.1709>

Continued fractions of transcendental numbers

Authors: [Yann Bugeaud](#)

<http://arxiv.org/abs/1012.4219>

Inequalities for Continued Fractions, II

Authors: [Zaizhao Meng](#)

<http://arxiv.org/abs/1011.1643>

Non-canonical extension of theta-functions and modular integrability of theta-constants

Authors: [Yurii V. Brezhnev](#)

<http://arxiv.org/abs/1011.1645>

The sixth Painleve transcendent and uniformization of algebraic curves I

Authors: [Yurii V. Brezhnev](#)

<http://arxiv.org/abs/1011.0276>

Higher order Painleve system of type  $D^{\wedge}(1)_{-2n+2}$  and monodromy preserving deformation

Authors: [Keisuke Inoue](#), [Keisuke Shinomiya](#), [Takao Suzuki](#)

<http://arxiv.org/abs/1011.1641>

A tau-function solution to the sixth Painleve transcendent

Authors: [Yurii V. Brezhnev](#)

<http://arxiv.org/abs/1012.0290>

Supersymmetric quantum mechanics and Painleve IV equation

Authors: [David Bermudez](#), [David J. Fernandez C](#)

## **Topic #5 ----- OP-SF NET 18.1 ----- January 15, 2011**

From: OP-SF NET Editors

Subject: About the Activity Group

The SIAM Activity Group on Orthogonal Polynomials and Special Functions consists of a broad set of mathematicians, both pure and applied. The Group also includes engineers and scientists, students as well as experts. We have around 140 members scattered about in more than 20 countries. Whatever your specialty might be, we welcome your participation in this classical, and yet modern, topic. Our WWW home page is:

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

This is a convenient point of entry to all the services provided by the Group. Our Webmaster is Bonita Saunders ([bonita.saunders@nist.gov](mailto:bonita.saunders@nist.gov) ).

The Activity Group sponsors OP-SF NET, an electronic newsletter, and SIAM-OPSF (OP-SF Talk), a listserv, as a free public service; membership in SIAM is not required. OP-SF NET is transmitted periodically through a post to OP-SF Talk. The OP-SF Net Editors are Diego Dominici ([dominid@newpaltz.edu](mailto:dominid@newpaltz.edu) ) and Martin Muldoon ([muldoon@yorku.ca](mailto:muldoon@yorku.ca) ).

Back issues of OP-SF NET can be obtained at the WWW addresses:

<http://staff.science.uva.nl/~thk/opsfnet>

<http://math.nist.gov/~DLozier/OPSFnet/>

For several years the Activity Group sponsored a printed Newsletter, most recently edited by Rafael Yanez. Back issues are accessible at:

<http://www.mathematik.uni-kassel.de/~koepf/siam.html>

SIAM-OPSF (OP-SF Talk), which was recently moved to a SIAM server, facilitates communication among members and friends of the Activity Group. To subscribe, go to <http://lists.siam.org/mailman/listinfo/siam-OPSF>. To contribute an item to the discussion, send email to [siam-opsf@siam.org](mailto:siam-opsf@siam.org) .The archive of all messages can be found by following links at <http://siam.org/activity/listservs.php>. The moderators are Bonita Saunders ([bonita.saunders@nist.gov](mailto:bonita.saunders@nist.gov) ) and Diego Dominici ([dominid@newpaltz.edu](mailto:dominid@newpaltz.edu) ).

SIAM has several categories of membership, including low-cost categories for students and residents of developing countries. For current information on SIAM and Activity Group membership, contact:

Society for Industrial and Applied Mathematics

3600 University City Science Center

Philadelphia, PA 19104-2688 USA

phone: +1-215-382-9800

email: [service@siam.org](mailto:service@siam.org)

WWW : <http://www.siam.org>

<http://www.siam.org/membership/outreachmem.htm>

## **Topic #6 ----- OP-SF NET 18.1 ----- January 15, 2011**

From: OP-SF NET Editors

Subject: Submitting contributions to OP-SF NET and SIAM-OPSF (OP-SF Talk)

To contribute a news item to OP-SF NET, send email to one of the OP-SF Editors [dominid@newpaltz.edu](mailto:dominid@newpaltz.edu) or [muldoon@yorku.ca](mailto:muldoon@yorku.ca) .

Contributions to OP-SF NET 18.2 should be sent by March 1, 2011.

OP-SF NET is an electronic newsletter of the SIAM Activity Group on Special Functions and Orthogonal Polynomials. We disseminate your contributions on anything of interest to the special functions and orthogonal polynomials community. This includes announcements of conferences, forthcoming books, new software, electronic archives, research questions, and job openings. OP-SF NET is transmitted periodically through a post to SIAM-OPSF (OP-SF Talk).

SIAM-OPSF (OP-SF Talk) is a listserv of the SIAM Activity Group on Special Functions and Orthogonal Polynomials, which facilitates communication among members, and friends of the Activity Group. See the previous Topic. To post an item to the listserv, send email to [siam-opsf@siam.org](mailto:siam-opsf@siam.org).

WWW home page of this Activity Group:

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

Information on joining SIAM and this activity group: [service@siam.org](mailto:service@siam.org)

The elected Officers of the Activity Group (2011-2013) are:

Chair: Francisco Marcellán

Vice Chair: Jeffrey S. Geronimo

Program Director: Diego Dominici

Secretary: Peter Clarkson

The appointed officers are:

Diego Dominici, OP-SF NET co-editor and OP-SF Talk moderator

Martin Muldoon, OP-SF NET co-editor

Bonita Saunders, Webmaster and OP-SF Talk moderator