

OP - SF NET - Volume 19, Number 5 – September 15, 2012

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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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Calendar of Events:

September 19-25, 2012

10th International Conference of Numerical Analysis and Applied Mathematics,
Kos, Greece

<http://www.icnaam.org/>

October 27-28, 2012

American Mathematical Society, Western Section Meeting, Tucson AZ, including a
Special Session on "Special Functions, Combinatorics, and Analysis" organized by
Diego Dominici, Tim Huber and Robert Maier.

http://www.ams.org/meetings/sectional/2203_program.html

November 5-7, 2012

Ramanujan 125 - A conference to commemorate the 125th anniversary of
Ramanujan's birth, Gainesville FL, USA 19.3, #3 19.5 #4

<http://www.math.ufl.edu/~fgarvan/ramanujan125.html>

November 16-18, 2012

Special Functions, Partial Differential Equations and Harmonic Analysis, a
conference in honor of Calixto P. Calderón, Chicago, IL, USA 19.5 #3
<http://www.roosevelt.edu/calderon>

January 9-12, 2013

Joint Mathematics Meetings, San Diego California, USA, including special sessions
on “q-Series in Mathematical Physics and Combinatorics” (organized by Mourad
Ismail), “Continued Fractions” (organized by James McLaughlin and Nancy J.
Wyshinski), “Difference Equations and Applications” (organized by Michael Radin)
and “The Influence of Ramaujan on his 125th Birthday” (organized by George
Andrews, Bruce Berndt and Ae Ja Yee)
<http://jointmathematicsmeetings.org/jmm>

March 24-29, 2013

12th International Symposium on Orthogonal Polynomials, Special Functions and
Applications (OPSFA-12), Sousse, Tunisia 19.1, #2 19.3, #4 19.5 #1
<http://matematicas.uc3m.es/index.php/seminarios/intern-meet-menu/12th-opsfa>

February 20-21, 2013

Conference on Special Functions and Orthogonal Polynomials, Riyadh,
Saudi Arabia 19.5 #2
<http://spconf.ksu.edu.sa/node/69>

June 3-7, 2013

International Linear Algebra Society (ILAS) 2013 meeting, Providence
Rhode Island, USA, including an invited minisymposium on Matrices and
Orthogonal Polynomials organized by J.S. Geronimo, F. Marcellán and L.
Reichel
<http://ilas2013.com>

June 12-15, 2013

The Third International Conference: Nonlinear Waves --- Theory and
Applications, Beijing, China
<http://lsec.cc.ac.cn/~icnwt3/>

July 1- 5, 2013

The 6th Pacific RIM Conference on Mathematics, including Session on
"Special Functions and Orthogonal Polynomials", Sapporo City, Japan
19.5 #5
<http://www.math.sci.hokudai.ac.jp/sympo/130701/sessions.html>

July 1- 6, 2013

Erdős Centennial Conference, Budapest, Hungary
<http://www.renyi.hu/conferences/erdos100/>

July 8-12, 2013

SIAM Annual Meeting, San Diego, California, USA (including "Orthogonal Polynomials and Special Functions" as one of 17 themes)

<http://www.siam.org/meetings/an13/>

18.5 #3

July 15-19, 2013

Workshop "Elliptic Integrable Systems and Hypergeometric Functions", Leiden, The Netherlands

19.5 #6

www.lorentzcenter.nl/lc/web/2013/541/info.php3?wsid=541&venue=Oort

Topic #1 ----- OP-SF NET 19.5 ----- September 15, 2012

From: OP-SF NET Editors

Subject: OPSFA-12 in Tunisia

As announced in OP-SF NET 19.1, Topic #2, and in 19.3, Topic #4, the next International Symposium on Orthogonal Polynomials, Special Functions and Applications (OPSFA-12) will be held in Sousse, Tunisia, from March 24 to March 29, 2013.

The second award of the Gábor Szegő Prize will be made by our Activity Group during this conference.

Further information is available at the web site:

<http://matematicas.uc3m.es/index.php/seminarios/intern-meet-menu/12th-opsfa>

Note that the deadline for early registration is September 30, 2012. After that date the registration fee will increase from EUR 300 to EUR 350. A limited number of fee waivers will be granted to Ph. D. students presenting a communication. There are four travel awards for students, funded by SIAM.

Early registration is required in order to be considered for talks and posters.

Topic #2 ----- OP-SF NET 19.5 ----- September 15, 2012

From: OP-SF NET Editors

Subject: Riyadh workshop on Special Functions and Orthogonal Polynomials

The Department of Mathematics, College of Science at King Saud University in Riyadh (KSU) is organizing a workshop in Mathematics entitled

"Special functions and orthogonal polynomials"

in collaboration with NPST through the period 20-21 of February 2013.

The plenary speakers are

Prof. Dr. Hashem Yamani (Saudi Arabia)

Prof. Mourad E.H. Ismail (USA)

Prof. Erik Koelink (Holland)

Prof. Walter Van Assche (Belgium)

For further information see the web site:

<http://spconf.ksu.edu.sa/node/61>

Topic #3 ----- OP-SF NET 19.5 ----- September 15, 2012

From: OP-SF NET Editors

Subject: Calderón meeting in Chicago

“Special Functions, Partial Differential Equations and Harmonic Analysis, a conference in honor of Calixto P. Calderón will be held in Chicago, IL, USA during November 16-18, 2012.

The following information is from the conference web site:

<http://www.roosevelt.edu/calderon>

Calixto P. Calderón is part of what is known as the Calderón-Zygmund school of Harmonic Analysis (Alberto P. Calderón was his older brother). This school had its “epicenter” at the University of Chicago. Calixto obtained his Doctorate at Universidad de Buenos Aires in Argentina with the famous Argentinian mathematician Alberto González-Domínguez. Then he came to the United States, where he wrote several papers in both singular integral theory, one of the main focuses of the Calderón-Zygmund school, and in applications of harmonic analysis to partial differential equations, an approach initially developed by his brother Alberto. Calixto is also a pioneer, together with Benjamin Muckenhoupt, in the area of harmonic analysis for orthogonal polynomial expansions. He also worked in ordinary differential equations and probability theory. His areas of expertise go beyond pure mathematics, including articles in the mathematical modeling of tumor growth and in the history of mathematics.

Calixto was a Professor of Mathematics at the University of Illinois at Chicago (UIC) for almost 30 years (1974-2003). In 2003 he became Professor Emeritus. He had 8 doctoral students and 47 descendants according to the Mathematics Genealogy Project. Several of our faculty members in the Department of Mathematics and Actuarial Science at Roosevelt University were students of Calixto at UIC.

Confirmed main speakers include:

- Marshall Ash, DePaul University
- Richard Askey, University of Wisconsin

- Alexandra Bellow, Northwestern University
- Robert Fefferman, University of Chicago
- Constantine Georgakis, DePaul University
- Carlos Kenig, University of Chicago
- Jeff Lewis, University of Illinois at Chicago
- Mario Milman, Florida Atlantic University
- James Moller, University of Illinois at Chicago
- Yoram Sagher, Florida Atlantic University
- Alberto Torchinsky, Indiana University
- Rodolfo Torres, University of Kansas
- Richard Wheeden, Rutgers University
- Ahmed Zayed, DePaul University

Topic #4 ----- OP-SF NET 19.5 ----- September 15, 2012

From: OP-SF NET Editors
Subject: Ramanujan 125

As announced in OP-SF NET 19.3, Topic #3, “Ramanujan 125”, a conference to celebrate the 125th anniversary of Ramanujan’s birth will be held at the University of Florida, Gainesville, during the period November 5-7, 2012.

Plenary Speakers

- George Andrews, Pennsylvania State University
- Bruce Berndt, University of Illinois
- Kathrin Bringmann, University of Cologne
- Dorian Goldfeld, Columbia University
- Christian Krattenthaler, Vienna University
- Ken Ono, Emory University
- Kannan Soundararajan, Stanford University
- Gérald Tenenbaum, Institut Elie Cartan Nancy
- Robert Vaughan (to be confirmed), Pennsylvania State University
- Doron Zeilberger, Rutgers University

Other Speakers [NOT COMPLETE]

- Nick Andersen, University of Illinois
- Richard Askey, University of Wisconsin
- Olivia Beckwith, Harvey Mudd College
- Mahmoud J.S. Belaghi, Eastern Mediterraen University, Turkey
- Alexander Berkovich, University of Florida
- Hasan Coskun, Texas A&M University Commerce
- Oliver Dasbach, Louisiana State University
- Atul Dixit, Tulane University
- John Duncan, Case Western Reserve Univeristy
- Freeman Dyson, Institute for Advanced Study Princeton

- Hershel Farkas, Hebrew University of Jerusalem
- Amanda Folsom, Yale University
- Keith Grizzell, University of Florida
- Jeff Harvey, University of Chicago
- Mike Hirschhorn, University of New South Wales
- Karl-Heinz Indlekofer, University of Paderborn
- Paul Jenkins, Brigham Young University
- Jim Lepowsky, Rutgers University
- Ling Long, Iowa State University and Cornell University
- Lisa Lorentzen, Norwegian University of Science and Technology
- Karl Mahlburg, Louisiana State University
- Stephen Milne, Ohio State University
- Kailash C. Misra, North Carolina State University
- Victor Moll, Tulane University
- Robert Lemke Oliver, Emory University
- Cherng-Tiao Perng, Norfolk State University
- Michael Th. Rassias, ETH, Zurich
- Rob Rhoades, Stanford University
- Sinai Robins, NTU
- Mat Rogers, University of Montreal
- James Sellers, Pennsylvania State University
- Andrew Sills, Georgia Southern University
- Jonathan Sondow, New York
- Cam Stewart, University of Waterloo
- Sergei Suslov, Arizona State University
- Ae Ja Yee, Pennsylvania State University
- Hamza Yesilyurt, Bilkent University, Ankara

The conference web site is at:

<http://www.math.ufl.edu/~fgarvan/ramanujan125.html>

Topic #5 ----- OP-SF NET 19.5 ----- September 15, 2012

From: OP-SF NET Editors

Subject: Pacific Rim Conference at Sapporo

The 6th Pacific RIM Conference on Mathematics will be held in Sapporo City, Japan during July 1- 5, 2013. See

<http://www.math.sci.hokudai.ac.jp/sympo/130701/sessions.html>

It will include a Session “Special Functions and Orthogonal Polynomials” organized by Dan Dai (City University of Hong Kong) .

The Session Lecturers are:

Tom Claeys (Université Catholique de Louvain, Belgium)

Adri Olde Daalhuis (University Edinburgh, UK)

Chris J. Howls (University of Southampton, UK)

Arno Kuijlaars (Katholieke Universiteit Leuven, Belgium)
Nalini Joshi (University of Sydney, Australia)
Yoshitsugu Takei (Kyoto University, Japan)
Mourad Ismail (University of Central Florida, USA)
Walter van Assche (Katholieke Universiteit Leuven, Belgium)
Peter Clarkson (University of Kent, UK)

Topic #6 ----- OP-SF NET 19.5 ----- September 15, 2012

From: "Stokman, Jasper" J.V.Stokman@uva.nl
Subject: Leiden Workshop on "Elliptic Integrable Systems and Hypergeometric Functions"

We would like to draw your attention to the workshop

"Elliptic Integrable Systems and Hypergeometric Functions"
Organizers: E. Koelink, M. Noumi, E. Rains, H. Rosengren, S. Ruijsenaars, J. Stokman

which will take place at the Lorentz Center, Leiden, The Netherlands, from July 15 until July 19, 2013. The workshop aims to highlight and interconnect the following five themes,

1. Elliptic hypergeometric functions and elliptic Painlevé equations
2. Integrable lattice equations/models
3. Integrable many body systems
4. Representation theory
5. Applications in quantum field theory

More information will soon become available on the website
www.lorentzcenter.nl/lc/web/2013/541/info.php3?wsid=541&venue=Oort

Simon Ruijsenaars and Jasper Stokman.

Topic #7 ----- OP-SF NET 19.5 ----- September 15, 2012

From: Martin Muldoon
Subject: Report on ICDDSF, Patras, 2012

During September 3 – 7, 2012 an international conference on differential equations, difference equations and special functions (ICDDSF) was held at the University of Patras, Greece. It was dedicated to the memory of Professor

Panayiotis D. (“Panos”) Siafarikas whose untimely death occurred in 2010 at the age of 57. See: <http://www.math.upatras.gr/~panos/> .

The conference was attended by about 75 people, coming mostly from European countries but with representation also from North America, Brazil, India and South Africa.

Plenary lectures were presented by Dimitar Dimitrov (Universidade Estadual Paulista, Brazil), John R. Graef (University of Tennessee at Chattanooga, USA), Alex Himonas (University of Notre Dame, USA) and Javier Segura (Universidad de Cantabria, Spain). The invited speakers included Árpád Baricz, Zuzana Došlá, Ondřej Došlý, Kathy Driver, István Györi, Andrea Laforgia, Lance Littlejohn, Martin Muldoon, Mihály Pituk and Luis Velázquez. Chrysoula Kokologiannaki spoke on “Panayiotis Siafarikas’ Life and Work” and Evangelos Ifantis presented “A Synopsis of Panayiotis Siafarikas’ Scientific Work”.

The proceedings of the conference will be published by the journal “Advances in Dynamical Systems and Applications”.

There was a very full social program including an all-day tour to Mycenae and Nafplio. Other social events included dancing (definitely not a spectator event!). Arrangements for transportation were excellent. The local arrangements committee, led by Evangelos Ifantis, Chrysoula Kokologiannaki and Eugenia Petropoulou did an excellent job. Panos would have been pleased!

Topic #8 ----- OP-SF NET 19.5 ----- September 15, 2012

From: OP-SF NET Editors

Subject: Book on q-Fractional Calculus and Applications

The following is from the web site

<http://www.springer.com/mathematics/analysis/book/978-3-642-30897-0>

q-Fractional Calculus and Equations

Series: Lecture Notes in Mathematics, Vol. 2056

Annaby, Mahmoud H., Mansour, Zeinab S.

2012, xix + 318 pp. 6 illus.

This nine-chapter monograph introduces a rigorous investigation of q-difference operators in standard and fractional settings. It starts with elementary calculus of q-differences and integration of Jackson’s type before turning to q-difference equations. The existence and uniqueness theorems are derived using successive approximations, leading to systems of equations with retarded arguments. Regular q-Sturm–Liouville theory is also introduced;

Green's function is constructed and the eigenfunction expansion theorem is given. The monograph also discusses some integral equations of Volterra and Abel type, as introductory material for the study of fractional q -calculus. Hence fractional q -calculus of the types Riemann–Liouville; Grünwald–Letnikov; Caputo; Erdélyi–Kober and Weyl are defined analytically. Fractional q -Leibniz rules with applications in q -series are also obtained with rigorous proofs of the formal results of Al-Salam-Verma, which remained unproved for decades. In working towards the investigation of q -fractional difference equations; families of q -Mittag-Leffler functions are defined and their properties are investigated, especially the q -Mellin–Barnes integral and Hankel contour integral representation of the q -Mittag-Leffler functions under consideration, the distribution, asymptotic and reality of their zeros, establishing q -counterparts of Wiman's results. Fractional q -difference equations are studied; existence and uniqueness theorems are given and classes of Cauchy-type problems are completely solved in terms of families of q -Mittag-Leffler functions. Among many q -analogs of classical results and concepts, q -Laplace, q -Mellin and q^2 -Fourier transforms are studied and their applications are investigated.

Content Level » Research

Keywords » 33D15, 26A33, 30C15, 39A13, 39A70 - Basic Hypergeometric functions - One variable calculus - Zeros of analytic functions - q -difference equations

Related subjects » Analysis - Dynamical Systems & Differential Equations - Theoretical, Mathematical & Computational Physics

Topic #9 ----- OP-SF NET 19.5 ----- September 15, 2012

From: Hans Haubold hans.haubold@unoosa.org
Subject: Lecture Notes of SERC School on the Web

We would like to announce, through OP-SF NET, that the Lecture Notes of the 10th SERC School, held at the Centre for Mathematical Sciences [Pala, India], in 2012 are now available for download at the CMS website:

http://www.cmsintl.org/cms_lecture_notes.html

We trust that they might be of interest to some members of OPSF.

Topic #10 ----- OP-SF NET 19.5 ----- September 15, 2012

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 July and August 2012.

<http://arxiv.org/abs/1205.6362>

On an identity by Chaundy and Bullard. II. More history
Tom H. Koornwinder, Michael J. Schlosser

<http://arxiv.org/abs/1207.0936>

A conjecture on monotonicity of a ratio of Kummer hypergeometric functions
Sergei M. Sitnik

<http://arxiv.org/abs/1207.1126>

Two New Zeta Constants: Fractal String, Continued Fraction, and
Hypergeometric Aspects of the Riemann Zeta Function
Stephen Crowley

<http://arxiv.org/abs/1207.1533>

Irregularity of Modified A -Hypergeometric Systems
Francisco-Jesus Castro-Jimenez, Maria-Cruz Fernandez-Fernandez, Tatsuya
Koike, Nobuki Takayama

<http://arxiv.org/abs/1207.6446>

Hypergeometric Solutions for the q -Painlevé Equation of type $E^{(1)}_6$ by
Padé Method
Yusuke Ikawa

<http://arxiv.org/abs/1208.0492>

Hypergeometric functions and a family of algebraic curves
Rupam Barman, Gautam Kalita

<http://arxiv.org/abs/1208.0495>

Certain values of Gaussian hypergeometric series and a family of algebraic
curves
Rupam Barman, Gautam Kalita

<http://arxiv.org/abs/1208.0508>

Hypergeometric functions over \mathbb{F}_q and traces of Frobenius for
elliptic curves
Rupam Barman, Gautam Kalita

<http://arxiv.org/abs/1208.3342>
Index hypergeometric integral transform
Yury A. Neretin

<http://arxiv.org/abs/1207.4331>
Wronskian type determinants of orthogonal polynomials, Selberg type formulas and constant term identities
Antonio J. Durán

<http://arxiv.org/abs/1207.6001>
Generalized Rayleigh and Jacobi processes and exceptional orthogonal polynomials
C.-I. Chou, C.-L. Ho

<http://arxiv.org/abs/1208.0652>
Orthogonal polynomials on the unit circle with Fibonacci Verblunsky coefficients, I. The essential support of the measure
David Damanik, Paul Munger, William Yessen

<http://arxiv.org/abs/1207.0463>
Asymptotics for Multiple Meixner Polynomials
A. Aptekarev, J. Arvesú

<http://arxiv.org/abs/1207.1834>
On the Dirichlet's type of Eulerian polynomials
Serkan Araci, Mehmet Acikgoz, Deyao Gao

<http://arxiv.org/abs/1207.2110>
Chebyshev polynomials and generalized complex numbers
D. Babusci, G. Dattoli, E. Di Di Palma, E. Sabia

<http://arxiv.org/abs/1207.2536>
Global Asymptotics of the Discrete Chebyshev Polynomials
Y. Lin, R. Wong

<http://arxiv.org/abs/1207.3446>
Moments of Askey-Wilson polynomials
Jang Soo Kim, Dennis Stanton

<http://arxiv.org/abs/1207.4220>
The algebra of dual -1 Hahn polynomials and the Clebsch-Gordan problem of $sl_{-1}(2)$
Vincent X Genest, Luc Vinet, Alexei Zhedanov

<http://arxiv.org/abs/1207.4524>
On Abel summability of Jacobi polynomials series, the Watson Kernel and applications
Calixto P. Calderón, Wilfredo Urbina

<http://arxiv.org/abs/1207.0487>
Limit transition between hypergeometric functions of type BC and type A
Margit Rösler, Tom Koornwinder, Michael Voit

<http://arxiv.org/abs/1207.5584>
Multi-indexed Wilson and Askey-Wilson Polynomials
Satoru Odake, Ryu Sasaki

<http://arxiv.org/abs/1207.5891>
Derivations and identities for Fibonacci and Lucas polynomials
Leonid Bedratyuk

<http://arxiv.org/abs/1208.1271>
New Generalization of Eulerian polynomials and their applications
Serkan Araci, Mehmet Acikgoz, Erdogan Sen

<http://arxiv.org/abs/1208.2536>
Discrete series representations for $sl(2|1)$, Meixner polynomials and oscillator models
E. I. Jafarov, J. Van der Jeugt

<http://arxiv.org/abs/1208.3792>
Distance k -graphs of hypercube and q -Hermite polynomials
Hun Hee Lee, Nobuaki Obata

<http://arxiv.org/abs/1208.3831>
The s -Eulerian polynomials have only real roots
Carla D. Savage, Mirkó Visontai

<http://arxiv.org/abs/1208.5409>
Bessel polynomials, double factorials and context-free grammars
Shi-Mei Ma

<http://arxiv.org/abs/1208.5607>
Schur polynomials, banded Toeplitz matrices and Widom's formula
Per Alexandersson

<http://arxiv.org/abs/1207.0041>
Construction of a Lax pair for the $E_6^{(1)}$ q -Painlevé System
N.S. Witte, C.M. Ormerod

<http://arxiv.org/abs/1207.4023>
Geometric aspects of the Painlevé equations $PIII(D_6)$ and $PIII(D_7)$
Marius van der Put, Jaap Top

<http://arxiv.org/abs/1207.4335>
A Riemann-Hilbert approach to Painlevé IV
Marius van der Put, Jaap Top

<http://arxiv.org/abs/1207.4361>

Painleve I, Coverings of the Sphere and Belyi Functions

Daive Masoero

<http://arxiv.org/abs/1207.5979>

Darboux-Egorov system, bi-flat S^2 -manifolds and Painlevé VI

Paolo Lorenzoni

<http://arxiv.org/abs/1208.1782>

Complex SUSY Transformations and the Painleve IV Equation

David Bermudez

<http://arxiv.org/abs/1208.4442>

Bäcklund transformations for certain rational solutions of Painlevé VI

Henrik Aratyn, Johan van de Leur

<http://arxiv.org/abs/1207.0787>

Conformal field theory of Painlevé VI

O. Gamayun, N. Iorgov, O. Lisovyy

<http://arxiv.org/abs/1208.6071>

Asymptotics of the densities of the first passage time distributions for Bessel diffusions

Kohei Uchiyama

<http://arxiv.org/abs/1208.6079>

A unified approach to the integrals of Mellin--Barnes--Hecke type

Gopala Krishna Srinivasan

<http://arxiv.org/abs/1207.6321>

Renormalization and Mellin transforms

Dirk Kreimer, Erik Panzer

<http://arxiv.org/abs/1207.0763>

$Zeta_2(s_1, s_2), Zeta_3(s_1, s_2, s_3)$: Integral Expressions and Approximates

V.V. Rane

<http://arxiv.org/abs/1207.4336>

On the zeta function on the line $\text{Re}(s) = 1$

Johan Andersson

<http://arxiv.org/abs/1208.3429>

Integral and Series Representations of Riemann's Zeta function, Dirichelet's Eta Function and a Medley of Related Results

Michael S. Milgram

Topic #11 ----- OP-SF NET 19.5 ----- September 15, 2012

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 130 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).

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 (dominicd@newpaltz.edu) and Martin Muldoon (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/>

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 or to see a link the archive of all messages, go to <http://lists.siam.org/mailman/listinfo/siam-OPSF> and follow the instructions under the sub-heading "Subscribing to SIAM-OPSF". To contribute an item to the discussion, send email to siam-opsf@siam.org. The moderators are Bonita Saunders (bonita.saunders@nist.gov) and Diego Dominici (dominicd@newpaltz.edu).

SIAM has several categories of membership, including low-cost categories for students and residents of developing countries. In addition, there is the possibility of reduced rate membership for the members of several societies with which SIAM has a reciprocity agreement; see

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

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

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

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

Topic #12 ----- OP-SF NET 19.5 ----- September 15, 2012

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 or muldoon@yorku.ca .

Contributions to OP-SF NET 19.6 should be sent by November 1, 2012.

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 .

WWW home page of this Activity Group:

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

Information on joining SIAM and this activity group: service@siam.org

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

Chair: Francisco Marcellán

Vice Chair: Jeff 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