Reference and Book List

The Reference section of the Notices is intended to provide the reader with frequently sought information in an easily accessible manner. New information is printed as it becomes available and is referenced after the first printing. As soon as information is updated or otherwise changed, it will be noted in this section.

Contacting the Notices
The preferred method for contacting the Notices is electronic mail. The editor is the person to whom to send articles and letters for consideration. Articles include feature articles, memorial articles, communications, opinion pieces, and book reviews. The editor is also the person to whom to send news of unusual interest about other people's mathematics research.

The managing editor is the person to whom to send items for “Mathematics People”, “Mathematics Opportunities”, “For Your Information”, “Reference and Book List”, and “Mathematics Calendar”. Requests for permissions, as well as all other inquiries, go to the managing editor.

The electronic-mail addresses are notices@math.wustl.edu in the case of the editor and smf@ams.org in the case of the managing editor. The fax numbers are 314-935-6839 for the editor and 401-331-3842 for the managing editor. Postal addresses may be found in the masthead.

Upcoming Deadlines


December 1, 2013: Applications for AMS Centennial Fellowship. See http://www.ams.org/ams-fellowships/. For paper copies of the form, write to the Membership and Programs Department, American Mathematical Society, 201 Charles Street, Providence, RI 02904-2294; prof-serv@ams.org; 401-455-4105.

December 1, 2013: Applications for MSRI research memberships and postdoctoral fellowships. See https://www.msri.org/web/msri/scientific/member-application.

December 1, 2013: Applications for PIMS postdoctoral fellowships. See the website http://www.pims.math.ca/scientific/postdoctoral or contact assistant. director@pims.math.ca.

Where to Find It
A brief index to information that appears in this and previous issues of the Notices.

AMS Bylaws—January 2012, p. 73

AMS Email Addresses—February 2013, p. 249

AMS Ethical Guidelines—June/July 2006, p. 701

AMS Officers 2012 and 2013 Updates—May 2013, p. 646

AMS Officers and Committee Members—October 2012, p. 1290

Contact Information for Mathematical Institutes—August 2013, p. 629

Conference Board of the Mathematical Sciences—September 2013, p. 1067

IMU Executive Committee—December 2011, p. 1606

Information for Notices Authors—June/July 2013, p. 776

National Science Board—January 2013, p. 109

NRC Board on Mathematical Sciences and Their Applications—March 2013, p. 350

NSF Mathematical and Physical Sciences Advisory Committee—February 2013, p. 252

Program Officers for Federal Funding Agencies—October 2013, p. 1188 (DoD, DoE); December 2012, p. 1585 (NSF Mathematics Education)

Program Officers for NSF Division of Mathematical Sciences—November 2013, p. 1352

December 15, 2013: Applications for AMS Epsilon Fund. See http://www.ams.org/programs/edu-support/epsilon/emp-epsilon or contact the AMS Membership and Programs Department by email at prof-serv@ams.org or by telephone at 800-321-4267, ext. 4113.


December 24, 2013: Registration for free workshop on “Writing a Competitive Grant Proposal to NSF-EHR” held prior to the Joint Mathematics Meetings. See http://tinyurl.com/ka4fcdu.


January 31, 2014: Entries for AWM Essay Contest. Contact the contest organizer, Heather Lewis, at hlewis@naz.edu or see https://sites.google.com/site/awmmath/home.

February 1, 2014: Applications for AWM Travel Grants, Mathematics Education Research Travel Grants, Mathematics Mentoring Travel Grants, and Mathematics Education Research Mentoring Travel Grants. See https://sites.google.com/site/awmmath/programs/travel-grants; telephone: 703-934-0163; or email: awm@awm-math.org; or contact Association for Women in Mathematics, 11240 Waples Mill Road, Suite 200, Fairfax, VA 22030.


April 15, 2014: Applications for fall 2014 semester of Math in Moscow. See http://www.mccme.ru/mathinmoscow or contact: Math in Moscow, P.O. Box 524, Wynnewood, PA 19096; fax: +7095-291-65-01; email: mim@mccme.ru. Information and application forms for the AMS scholarships are available on the AMS website at http://www.ams.org/programs/travel-grants/minoscow or contact: Math in Moscow Program, Membership and Programs Department, American Mathematical Society, 201 Charles Street, Providence, RI 02904-2294; email: student-serv@ams.org.

May 1, 2014: Applications for AWM Travel Grants and Mathematics Education Research Travel Grants. See https://sites.google.com/site/awmmath/programs/travel-grants; telephone: 703-934-0163; or email: awm@awm-math.org; or contact Association for Women in Mathematics, 11240 Waples Mill Road, Suite 200, Fairfax, VA 22030.

**February 1, 2014:** Applications for AWM Travel Grants, Mathematics Education Research Travel Grants, Mathematics Mentoring Travel Grants, and Mathematics Education Research Mentoring Travel Grants. See https://sites.google.com/site/awmmath/programs/travel-grants; telephone: 703-934-0163; or email: awm@awm-math.org; or contact Association for Women in Mathematics, 11240 Waples Mill Road, Suite 200, Fairfax, VA 22030.

**October 1, 2014:** Applications for AWM Travel Grants and Mathematics Education Research Travel Grants. See https://sites.google.com/site/awmmath/programs/travel-grants; telephone: 703-934-0163; or email: awm@awm-math.org; or contact Association for Women in Mathematics, 11240 Waples Mill Road, Suite 200, Fairfax, VA 22030.

**Book List**

The Book List highlights recent books that have mathematical themes and are aimed at a broad audience potentially including mathematicians, students, and the general public. Suggestions for books to include on the list may be sent to notices-booklist@ams.org.

*Added to “Book List” since the list’s last appearance.


The Noether Theorems: Invariance and Conservation Laws in the Twentieth Century, by Yvette Kosmann-


Classified Advertisements

Positions available, items for sale, services available, and more

ALABAMA

UNIVERSITY OF ALABAMA
Department of Mathematics
Computational Positions

The Department of Mathematics at the University of Alabama invites applications for two tenure-track positions at the Assistant Professor level. One position is in the area of Numerical Linear Algebra in Data Mining with application to any field of science and engineering. The other position is in Computational Statistics in Data Mining with the focus being specifically in the area of Cyber-Security. The appointments will begin on August 16, 2014. Candidates must possess a doctorate in mathematics, statistics, or a closely related field. Applicants must apply online at http://facultyjobs.ua.edu and arrange for three letters of recommendation, one of which may address teaching, to be sent to math@ua.edu. Applications will be reviewed on an ongoing basis and will continue to be accepted until the position is filled. The University of Alabama is an Equal Opportunity/Affirmative Action Employer and actively seeks diversity among its employees. Women and minority candidates are strongly encouraged to apply. More information about the department and the university is available at http://math.ua.edu.

CALIFORNIA

CALIFORNIA INSTITUTE OF TECHNOLOGY
Department of Mathematics
Instructorship. Caltech is an Affirmative Action/Equal Opportunity Employer. Women, minorities, veterans, and disabled persons are encouraged to apply.

Application Information: Please apply online at http://mathjobs.org. You can also find information about this position at http://www.math.caltech.edu/positions.html. To avoid duplication of paperwork, your application may also be considered for a Harry Bateman Research Instructorship. Caltech is an Affirmative Action/Equal Opportunity Employer.

Description: There are three terms in the Caltech academic year. The fellow is typically expected to teach one course in two terms each year to be in residence even during terms when not teaching. The initial appointment is for three years with an additional three-year terminal extension expected.

Eligibility: Offered to a candidate within six years of having received the Ph.D. who shows strong research promise in one of the areas in which Caltech’s mathematics faculty is currently active.

Deadline: January 1, 2014.

California Institute of Technology
Scott Russell Johnson Senior Postdoctoral Scholar in Mathematics

Description: Appointments are for three years. There are three terms in the Caltech academic year, and instructors typically are expected to teach one course in all but two terms of the total appointment. These two terms will be devoted to research. During the summer months there are no duties except research.

Eligibility: Offered to persons within three years of having received the Ph.D. who show strong research promise in one of the areas in which Caltech’s mathematics faculty is currently active.

Deadline: January 1, 2014.

Application Information: Please apply online at http://mathjobs.org. You can also find information about this position at http://www.math.caltech.edu/positions.html.
To avoid duplication of paperwork, your application may also be considered for an Olga Taussky and John Todd Instructorship. Caltech is an Affirmative Action/Equal Opportunity Employer. Women, minorities, veterans, and disabled persons are encouraged to apply.

CALIFORNIA INSTITUTE OF TECHNOLOGY
Department of Mathematics
Harry Bateman Research Instructorships in Mathematics

Description: Appointments are for two years with one-year terminal extension expected. The academic year runs from approximately October 1 to June 1. Instructors typically are expected to teach one course per quarter for the full academic year and to devote the rest of their time to research. During the summer months there are no duties except research.

Eligibility: Open to persons who have recently received their doctorates in mathematics.

Deadline: January 1, 2014.

Application information: Please apply online at http://mathjobs.org. You can also find information about this position at www.math.caltech.edu/positions.html. To avoid duplication of paperwork, your application may also be considered for an Olga Taussky and John Todd Instructorship. Caltech is an Affirmative Action/Equal Opportunity Employer. Women, minorities, veterans, and disabled persons are encouraged to apply.

UNIVERSITY OF CALIFORNIA SAN DIEGO
Department of Mathematics
Assistant Professorship

The Department of Mathematics, within the Division of Physical Sciences at the University of California, San Diego (http://www.math.ucsd.edu), invites applications for tenure-track positions from outstanding candidates. This is a broad search that is open to applicants from all areas of pure and applied mathematics. Successful candidates must have a Ph.D. and demonstrated potential for excellence in both teaching and research. Preferred candidates will have the potential for leadership in areas contributing to diversity, equity, and inclusion and will have a desire to play a future role in helping to shape and expand the university’s diversity initiatives (http://diversity.ucsd.edu/). We especially welcome candidates who have experience with and wish to contribute to programs that increase the access and success of underrepresented students and faculty in mathematics.

Candidates must receive their Ph.D. prior to their first quarter of teaching. Salary is commensurate with qualifications and based on UC pay scales. The starting date for the positions, pending funding approval, will be July 1, 2014. To receive full consideration, applications should be submitted online through http://apptkr.com/391121 by December 1, 2013.

AA/EOE

WASHINGTON, DC

GEORGE WASHINGTON UNIVERSITY
Department of Mathematics

The university invites applications to a tenure-track assistant professor position. Our priorities are applied mathematics and computational mathematics, but truly exceptional candidates in other areas may also be considered. Applicants must possess a Ph.D. in mathematics or applied mathematics. For additional information on the position, including a detailed description of the qualifications, and the application procedure, please see full position announcement, and apply online at http://www.mathjobs.org. The George Washington University is an Equal Opportunity/Affirmative Action Employer.

INDIANA

IUPUI SCHOOL OF SCIENCE
Chairperson Position in Mathematical Sciences

The IUPUI School of Science invites applications for the position of chairperson in mathematical sciences. A Ph.D. degree in mathematics or a related field is required. For further information visit http://science.iupui.edu/sites/default/files/math_ad_-_final_9-24-2013.pdf. An Equal Opportunity/Affirmative Action Institution.

MASSACHUSETTS

NORTHEASTERN UNIVERSITY
Department of Mathematics
Assistant/Associate Professor–Applied Mathematics
Tenure-Track Position

The Department of Mathematics at Northeastern University invites applicants for one or more tenure-track positions at the Assistant/Associate Professor level. Associate Professor level is preferred, in
Applied Mathematics to start as early as September of 2014.

Appointments are based on exceptional research contributions in mathematics combined with strong commitment and demonstrated success in teaching. Applications from those with an interest and ability to connect across units in the university to the advantage of research at the interface of mathematics and other disciplines are a top priority. Outstanding candidates with research in combinatorics, geometry, topology, and analysis are encouraged to apply. Candidates must have a Ph.D. in mathematics or a related field by the start date, strong record of research, and demonstrated evidence of excellent teaching ability. Responsibilities will include teaching undergraduate and graduate courses, mentoring students, and conducting an independent research program.

Review of applications will begin immediately. Complete applications received by October 31, 2013, will be guaranteed full consideration.

Please be sure to include 3 references, a teaching statement, and a research statement. To apply, visit “Careers at Northeastern” at https://neu.peopleadmin.com. Click on “Full-time Faculty Positions” and search for the current position under the College of Science. You can also apply by visiting the College of Science website at http://www.northeastern.edu/cos and clicking on the “Faculty Positions” button.

Northeastern University is an Equal Opportunity, Affirmative Action Educational Institution and Employer, Title IX University. Northeastern University particularly welcomes applications from minorities, women, and persons with disabilities. Northeastern University is an E-Verify Employer.

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BOSTON UNIVERSITY
Department of Mathematics and Statistics
Postdoctoral Position Dynamical Systems

The Department of Mathematics and Statistics, at Boston University, invites applications for a three-year postdoctoral position in Dynamical Systems, starting July 2014 pending final budgetary approval. Strong commitment to research and teaching is essential. Submit AMS cover sheet, CV, research statement, teaching statement and at least four letters of recommendation, one of which addresses teaching, to http://mathjobs.org. Alternatively, send all material to Dynamical Systems Postdoctoral Search Committee, Department of Mathematics and Statistics, Boston University, 111 Cummington Mall, Boston, MA 02215. Application deadline December 15, 2013. Boston University is an Equal Opportunity Employer.

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WILLIAMS COLLEGE
Department of Mathematics and Statistics

The Williams College Department of Mathematics and Statistics invites applications for two tenure-track positions in mathematics, beginning fall 2014, at the rank of assistant professor (in an exceptional case, a more advanced appointment may be considered). We are seeking highly qualified candidates who have demonstrated excellence in teaching, who will establish an active and successful research program, and who will have a Ph.D. by the time of appointment. Williams College is a private, coeducational, residential, highly selective liberal arts college with an undergraduate enrollment of approximately 2,000 students. The teaching load is two courses per 12-week semester and a winter term course every other January.

Applicants are encouraged to apply electronically at http://mathjobs.org or send a vita and have three letters of recommendation on teaching and research sent to Susan Loepp, Chair of the Hiring Committee, Department of Mathematics and Statistics, Williams College, 18 Hoxsey Street, Williamstown,
MA 01267. Teaching and research statements are also welcome. Evaluation of applications will begin on or after November 15 and will continue until the position is filled. All offers of employment are contingent upon completion of a background check. Further information is available upon request. For more information on the Department of Mathematics and Statistics, visit http://math.williams.edu.

Williams College is a coeducational liberal arts institution located in the Berkshire Hills of western Massachusetts with easy access to the culturally rich cities of Albany, Boston, and New York City. The college is committed to building and supporting a diverse population of students, and to fostering an inclusive faculty, staff, and curriculum. Williams has built its reputation on outstanding teaching and scholarship and on the academic excellence of its students. Please visit the Williams College website http://www.williams.edu. Beyond meeting fully its legal obligations for non-discrimination, Williams College is committed to building a diverse and inclusive community where members from all backgrounds can live, learn, and thrive.

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NEW HAMPSHIRE

DARTMOUTH COLLEGE

Department of Mathematics

John Wesley Young Research Instructorships

2-3 years, new or recent Ph.D. graduates whose research overlaps a department member’s. Teach 3 ten-week courses spread over 3 terms. Appointment for 26 months, with possible 12 month renewal; monthly salary of $5,100, including two-month research stipend for Instructors in residence during 2 of 3 summer months; if not in residence, salary adjusted accordingly. To initiate an application go to http://www.mathjobs.org. Position ID: JWW #4928. You can also access the application through a link at http://www.math.dartmouth.edu/activities/recruiting/. General inquiries can be directed to Tracy Moloney, Administrator, Department of Mathematics, tfmollo@math.dartmouth.edu. Applications completed by January 5, 2014, considered first. Dartmouth College is committed to diversity and strongly encourages applications from women and minorities.

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NEBRASKA

UNIVERSITY OF NEBRASKA-LINCOLN

Department of Mathematics

Invites applications for the following positions:

(1) One tenure-track Assistant Professor position in Scientific Computing/Computational Mathematics. Review of applications will begin November 15, 2013, and continue until a suitable candidate is found.

(2) One Professor of Practice position, at the Assistant Professor level, to be the Director of the First Year Mathematics Program. Review of applications will begin December 1, 2013, and continue until a suitable candidate is found.

(3) One or more postdoctoral positions. Review of applications will begin December 1, 2013, and continue until a suitable candidate (or candidates) is found. Each of these positions begins August 2014. For more information about these positions and information on how to apply for them, please go to http://www.math.unl.edu/department/jobs/. The University of Nebraska is committed to a pluralistic campus community through Affirmative Action, Equal Opportunity, work-life balance, and dual careers.

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NEW YORK

GENERAL ELECTRIC

Global Research Center

Applied Mathematician

The General Electric Global Research Center seeks applicants for the position of Applied Mathematician at its corporate research and development headquarters in Niskayuna, NY. This position requires a doctorate degree in mathematics, applied mathematics, or related areas with solid experience in the broad areas falling within the AMS subject classifications 11-xx through 14-xx (Number theory, algebra, algebraic geometry) or 51-xx through 58-xx (geometry, differential geometry, topology, related areas). At least 3 years of post-Ph.D. experience in mathematics, applied mathematics, or related fields is required. Candidates should have strong interest in applying mathematical theory to industry problems, and superior communication and programming skills (major mathematical software/programming languages). Also desirable is experience or interest in data analysis or large networks. You must submit your application for employment against job number 1767313 at http://www.gecareers.com to be considered for this position. GE is an Equal Opportunity Employer, offering a great work environment, challenging career opportunities, professional training, and competitive compensation.

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SOUTH CAROLINA

COLLEGE OF CHARLESTON

Department of Mathematics

Applications are invited for a tenure-track position at the Assistant Professor level beginning August 16, 2014. The Mathematics Department at the College of Charleston, when fully staffed, has 34 full-time faculty members and offers the B.S., B.A., and M.S. degrees in mathematics. Candidates must have a Ph.D. in one of the mathematical sciences, high potential for continuing research, and commitment to excellence in teaching. Some preference will be given to individuals in the area of modeling with applications to data analytics, cryptography, mathematical biology, discrete modeling, probabilistic modeling, or operations research and who have the potential to contribute to interdisciplinary offerings. However, exceptionally strong candidates in all areas will be considered. The normal teaching load is nine hours per academic year; the salary is competitive. A minimal application will consist of a vita, narratives on research and teaching, and at least three letters of recommendation which, combined, must address both teaching and research. All materials should be submitted to the College of Charleston on http://mathjobs.org. For demographic purposes only, candidates must respond yes or no to the Citizen/Residency field. Additional information about the department and its programs, including the interdisciplinary undergraduate Data Science program, is available at http://www.math.furman.edu and http://www.math.furman.edu/activities/majorsandminors/data-science.php. Review of applications for on-campus interviews will begin as applications are received, and applications will be accepted throughout the academic year until the position is filled. The College of Charleston is an Equal Opportunity/Affirmative Action Employer and encourages applications from minority and women candidates.

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UNIVERSITY OF SOUTH CAROLINA

Department of Mathematics

Endowed Chair in Data Analysis, Simulation, Imaging and Visualization

The Department of Mathematics at the University of South Carolina invites inquiries, nominations and applications for the Endowed Chair in Data Analysis, Simulation, Imaging, and Visualization (CDASIV) in conjunction with the Williams-Hedberg-Hedberg Endowed Chair of Mathematics. This position is sponsored in part by the South Carolina Centers of Economic Excellence (CoE) program (http://scstatesc.org/data-analysis) and is endowed with a total endowment of $4M. Position requires a Ph.D. in mathematics or a related area and an outstanding record of research.
and teaching. For a complete description of qualifications, go to: http://imi.cas.sc.edu/django/site_media/static/pdf/COE.pdf.

Applications should be submitted electronically to Professor Pencho Petrushev (coee@math.sc.edu). Applicants are encouraged to submit a letter describing their interests and credentials, curriculum vitae, a list of publications, a statement of research interests and accomplishments, and three letters of reference. Applications will be evaluated as they are received by the Search Committee and the position will remain open until filled.

The University of South Carolina is an Affirmative Action, Equal Opportunity Employer. Minorities and women are encouraged to apply. The University of South Carolina does not discriminate in educational or employment opportunities or decisions for qualified persons on the basis of race, color, religion, sex, national origin, age, disability, sexual orientation, or veteran status.

UNIVERSITY OF SOUTH CAROLINA
Department of Mathematics
Tenure-Track Assistant Professor

Applications are invited for a tenure-track Assistant Professor position in applied and computational mathematics for research related to modeling and computation of soft matter and/or complex biological systems. Candidates should have a Ph.D. in mathematics or a related field, and have sufficient background in mathematical modeling, mathematical/numerical analysis, simulation, and/or high performance computation of soft matter or complex biological systems to participate in an interdisciplinary research program in mathematical biology and/or computational science. The successful candidate is expected to interact effectively with researchers in the College of Engineering and Computing, the College of Arts and Sciences, and the College of Medicine at the University of South Carolina.

Applicants must apply electronically at http://www.mathjobs.org. A complete application should contain a cover letter, standard AMS cover sheet, curriculum vitae, description of research plans, statement of teaching philosophy, and four letters of recommendation. One of the letters should appraise the candidate’s teaching ability.

The beginning date for the position will be August 16, 2014. Review of applications will begin on November 15, 2013, and continue until the position is filled. To ensure consideration, applications should be received by November 15, 2013. Please address inquiries to qwang@math.sc.edu.

The Mathematics Department, located in the heart of the historic campus, currently has 34 tenured and tenure-track faculty, 5 instructors, 48 graduate students, over 250 majors, and 40 minors. Faculty research interests include algebra, analysis, applied and computational math, biomath, discrete math, geometry, logic, and number theory.

The University of South Carolina’s main campus is located in the state capital, close to mountains and coast. The Carnegie Foundation for the Advancement of Teaching has designated the University of South Carolina as one of only 73 public and 32 private academic institutions with “very high research activity”. The Carnegie Foundation also lists USC as having strong community engagement. The university has over 29,500 students on the main campus (and over 44,500 students system-wide), more than 350 degree programs, and a nationally-ranked library system that includes one of the nation’s largest public film archives. Columbia, the capital of South Carolina, is the center of an increasingly sophisticated greater metropolitan area with a population over 750,000.

The University of South Carolina is an Affirmative Action, Equal Opportunity Employer. Minorities and women are encouraged to apply. The University of South Carolina does not discriminate in educational or employment opportunities or decisions for qualified persons on the basis of race, color, religion, sex, national origin, age, disability, sexual orientation, or veteran status.

TEXAS
TEXAS A&M UNIVERSITY, KINGSVILLE
Mathematics Education Tenure-Track Position

The Department of Mathematics at Texas A&M University-Kingsville invites applications for a tenure-track position in mathematics education at the assistant professor level, beginning spring 2014. A Ph.D. in mathematics education is required from a regionally accredited university or institution. For application and further information visit http://javjobs.tamuk.edu An Equal “Opportunity/Affirmative Action Employer.

WISCONSIN
UNIVERSITY OF WISCONSIN-MADISON
Department of Mathematics

The Department of Mathematics is accepting applications for the academic staff position Associate Director of the Undergraduate Program (Student Services Coordinator at the Associate, No-prefix or Senior level depending on experience), to begin as early as February 15, 2014. The minimum requirement is a Master’s degree in mathematics or related field, with a Ph.D. preferred. Teaching experience in the typical undergraduate mathematics course sequences is preferred (see the list of our undergraduate courses at http://www.math.wisc.edu/UCourses). Experience in undergraduate advising is also preferred. An application packet should include a completed AMS Standard Cover Sheet, a curriculum vitae, and a brief description of professional experiences and goals. Application packets should be submitted electronically to http://www.mathjobs.org. Applicants should also arrange to have sent to the above URL address, at least three letters of recommendation which must discuss the applicant’s relevant experiences, capabilities and potential. To ensure full consideration, application packets must be received by January 12, 2014. Applications will be accepted until the position is filled. The University of Wisconsin-Madison is an Affirmative Action, Equal Opportunity Employer and encourages applications from women and minorities. Unless confidentiality is requested in writing, information regarding the applicants must be released upon request. Finalists cannot be guaranteed confidentiality. A background check will be required prior to employment.

BRAZIL
UNIVERSITY OF SÃO PAULO
Postdoctoral Opportunities

The recently established Research, Innovation and Dissemination Center on Neurmathematics (NeuroMat), hosted by the University of São Paulo, Brazil, and funded by FAPESP (São Paulo Research Foundation) is offering several postdoctoral fellowships for recent Ph.D’s with outstanding research potential. Candidates should have strong background in probability theory with emphasis on stochastic processes or statistical inference and experience in statistics with emphasis on statistical model selection. Previous knowledge of rigorous statistical mechanics, random graphs, or stochastic modeling in biosciences will be favorably considered. The initial appointments are for two years, with a possible extension up to four years conditional on research progress. Salary is competitive at international level and fellows benefit from extra funds for travel and research expenses, plus limited support for relocation expenses. Application instructions are found at http://neuromat.unesp.br/postdoc.

CANADA
UNIVERSITY OF TORONTO
ST. GEORGE CAMPUS
Department of Mathematics

The Department of Mathematics at St. George campus, University of Toronto, invites applications for a tenure-stream...
appointment at the rank of Assistant Professor. Candidates with research expertise in Geometry and Number Theory will be given preference; however, exceptional candidates in any field of mathematics are encouraged to apply. The expected start date of the appointment is July 1, 2014. All qualified candidates are invited to apply by clicking the following link: http://www.mathjobs.org/jobs/jobs/5038. To receive full consideration, applications should be received by December 17, 2013.

The University of Toronto is strongly committed to diversity within its community and especially welcomes applications from visible minority group members, women, Aboriginal persons, persons with disabilities, members of sexual minority groups, and others who may contribute to the further diversification of ideas. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

UNIVERSITY OF TORONTO
Department of Mathematics

The Department of Mathematics, University of Toronto, invites applications for a tenured appointment at the rank of Associate or Full Professor. The successful candidate will also be appointed as Associate Faculty at the Perimeter Institute for Theoretical Physics (Waterloo, Ontario). The expected start date of the appointment is July 1, 2014. All qualified candidates are invited to apply by clicking the following link: mathjobs.org/jobs/jobs/5038. To receive full consideration, applications should be received by January 15, 2014.

The University of Toronto is strongly committed to diversity within its community and especially welcomes applications from visible minority group members, women, Aboriginal persons, persons with disabilities, members of sexual minority groups, and others who may contribute to the further diversification of ideas. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

CZECH REPUBLIC
CHARLES UNIVERSITY PRAGUE
Faculty of Mathematics and Physics

Postdoc position in a group led by S. Hencl and J. Malý, commencing September 2014. The candidate should have strong background in Geometric Function Theory, Quasiconformal Mappings, Function Spaces, Calculus of Variations, or related fields. The position requires no teaching and carries a monthly salary of 40,000 CZK. Applications containing CV and three reference letters should be sent to S. Hencl, MFF UK, Sokolovska 83, Praha 8, 18000, Czech Republic by the end of February 2014. More information: http://www.karlin.mff.cuni.cz/~hencl/.

KOREA
INSTITUTE FOR BASIC SCIENCE (IBS)
Center for Geometry and Physics

The IBS Center for Geometry and Physics (IBS-CGP) invites applications for several tenure-track and postdoctoral research fellowship positions. IBS-CGP is working to bring the world’s leading scientists in mathematics together with young researchers to collaborate on research projects with passion and commitment. To this end, IBS recruits based on scientific excellence and creative ideas, rather than pre-determined goals or demonstrated practical outcomes. IBS provides an open and autonomous research environment. The existing members as of IBS-CGP are working in symplectic geometry and topology, dynamical systems, mirror symmetry, algebraic geometry, and mathematical aspects of quantum field and string theory.

Postdoctoral research fellowship positions. Successful candidates will be new or recent Ph.D.’s with outstanding research potential. These non-tenure-track appointments are for three years, and the salary range is KRW 57,000,000–66,000,000 (approximately USD 50,800–58,800).

Tenure-track positions. Successful candidates must have exceptional research qualifications. Starting salary with three years of experience beyond Ph.D. is KRW 92,880,000 (may vary by experience). Relocation expenses and housing allowance for up to 2 years may be provided for qualified overseas candidates.

IBS-CGP offers annual travel funds of KRW 8,000,000 for postdoctoral position and KRW 15,000,000 for tenure-track position in addition to basic research equipment and comprehensive benefits including medical and travel insurance, retirement fund. More specifics for successful candidates are as follows:

International competitive salary (negotiable).

Dual appointment at POSTECH as a tenure or tenure-track faculty member depending on the candidate’s qualifications. (this is subject to review and approval by the Department of Mathematics and the administration of POSTECH. However, POSTECH will respect the recommendations of the IBS-CGP director and the IBS Headquarters as long as the candidate’s qualifications meet the POSTECH requirements.)

Teaching load of one graduate course per year at POSTECH.

Generous and flexible research grant. Can hire 1-2 tenure-track faculty member for 3-4 postdoctoral researchers for his/her research group. (Unlike Group Leader, researchers will not be given appointments at POSTECH.)

Free housing of about 105 m² in size at the POSTECH Faculty Apartment for 10 years.

For qualified overseas candidates, relocation expenses and some educational allowance for up to 2 children will be provided.

A complete application packet should include:
- Cover letter
- Curriculum vitae which includes a publication list, a research statement, and at least three letters of recommendation for postdoctoral positions and four for tenure-track positions. For full consideration, application packets must be submitted electronically to cgp@ibs.re.kr by December 13, 2013. IBS encourages applications from individuals of diverse backgrounds. IBS-CGP website: http://cgp.ibs.re.kr

IBS CENTER FOR GEOMETRY AND PHYSICS
Group Leader Positions

The IBS Center for Geometry and Physics (IBS-CGP) invites applications for up to 2 Group Leader positions from mathematicians of exceptional research record and leadership in the area of contact topology, dynamical systems, or algebraic geometry (related to GW invariants and homological mirror symmetry). IBS-CGP is working to bring the world’s leading scientists in mathematics together with young researchers to collaborate on research projects with passion and commitment. IBS provides an open and autonomous research environment. The existing members of IBS-CGP are working in symplectic geometry and topology, dynamical systems, mirror symmetry, algebraic geometry, and mathematical aspects of quantum field and string theory. IBS-CGP offers globally competitive compensation which will be determined based on experience and qualifications of each candidate. IBS-CGP also offers comprehensive benefits including medical and travel insurance, worker’s compensation, and retirement fund. More specifics for successful candidates are as follows:

International competitive salary (negotiable).

Dual appointment at POSTECH as a tenure or tenure-track faculty member depending on the candidate’s qualifications. (this is subject to review and approval by the Department of Mathematics and the administration of POSTECH. However, POSTECH will respect the recommendations of the IBS-CGP director and the IBS Headquarters as long as the candidate’s qualifications meet the POSTECH requirements.)

Teaching load of one graduate course per year at POSTECH.

Generous and flexible research grant. Can hire 1-2 tenure-track and 3-4 postdoctoral researchers for his/her research group. (Unlike Group Leader, researchers will not be given appointments at POSTECH.)

Free housing of about 105 m² in size at the POSTECH Faculty Apartment for 10 years.

For qualified overseas candidates, relocation expenses and some educational allowance for up to 2 children will be provided.

A complete application packet should include:
- Cover letter
- Curriculum vitae including a publication list
- Research statement
- At least 5 letters of recommendation

For full consideration, complete application packets must be submitted electronically to cgp@ibs.re.kr by February 15, 2014. IBS and POSTECH encourage applications from individuals of diverse backgrounds. Non-Korean citizens are also welcome to apply. IBS-CGP website: http://cgp.ibs.re.kr