
Classified Advertisements

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

CALIFORNIA

**University of California, Irvine
Department of Mathematics
Irvine, CA 92697-3875**

The Department of Mathematics at the University of California, Irvine invites applications from outstanding candidates for multiple positions, including Lecturer with Potential Security of Employment (LPSOE), Visiting Assistant Professors (VAP), and possibly tenure-track Assistant Professors. Applicants must hold a PhD.

The LPSOE series requires, in addition to excellent teaching and service, that the candidate makes outstanding and externally recognized contributions to the development of his or her specific discipline and/or of pedagogy. VAP candidates must show strong promise in research and teaching. Tenure-track Assistant Professor position candidates should have demonstrated excellence in research and teaching.

Applications are welcome at any time. The review process starts November 1, 2018 and will continue until positions are filled. Please visit www.mathjobs.org for details on positions and the application process.

The University of California, Irvine is an Equal Opportunity/Affirmative Action Employer advancing inclusive excellence. All qualified applicants will receive consideration for employment

without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age, protected veteran status, or other protected categories covered by the UC nondiscrimination policy.

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ILLINOIS

**University of Chicago
Department of Mathematics**

The University of Chicago Department of Mathematics invites applications for the following positions:

1. L.E. Dickson Instructor: This is open to mathematicians who have recently completed or will soon complete a doctorate in mathematics or a closely related field, and whose work shows remarkable promise in mathematical research. The initial appointment is typically up to three years with the possibility of renewal. The teaching obligation is up to four one-quarter courses per year.

2. Assistant Professor: This is open to mathematicians who are further along in their careers, typically two or three years past the doctorate. These positions are intended for mathematicians whose work has been of outstandingly high caliber. Appointees are expected to have the potential to become leading figures in their fields. The appointment is generally for three years, with the

Suggested uses for classified advertising are positions available, books or lecture notes for sale, books being sought, exchange or rental of houses, and typing services. The publisher reserves the right to reject any advertising not in keeping with the publication's standards. Acceptance shall not be construed as approval of the accuracy or the legality of any advertising.

The 2018 rate is \$3.50 per word with a minimum two-line headline. No discounts for multiple ads or the same ad in consecutive issues. For an additional \$10 charge, announcements can be placed anonymously. Correspondence will be forwarded.

Advertisements in the "Positions Available" classified section will be set with a minimum one-line headline, consisting of the institution name above body copy, unless additional headline copy is specified by the advertiser. Headlines will be centered in boldface at no extra charge. Ads will appear in the language in which they are submitted.

There are no member discounts for classified ads. Dictation over the telephone will not be accepted for classified ads.

Upcoming deadlines for classified advertising are as follows: November 2018—August 29, 2018; December 2018—September 21, 2018; January 2019—October 17, 2018; February 2019—November 15, 2018; March 2019—December 17, 2018; April 2019—January 17, 2019; May 2019—February 18, 2019.

US laws prohibit discrimination in employment on the basis of color, age, sex, race, religion, or national origin. "Positions Available" advertisements from institutions outside the US cannot be published unless they are accompanied by a statement that the institution does not discriminate on these grounds whether or not it is subject to US laws. Details and specific wording may be found on page 1373 (vol. 44).

Situations wanted advertisements from involuntarily unemployed mathematicians are accepted under certain conditions for free publication. Call toll-free 800-321-4AMS (321-4267) in the US and Canada or 401-455-4084 worldwide for further information.

Submission: Promotions Department, AMS, P.O. Box 6248, Providence, Rhode Island 02904; or via fax: 401-331-3842; or send email to classifieds@ams.org. AMS location for express delivery packages is 201 Charles Street, Providence, Rhode Island 02904. Advertisers will be billed upon publication.

NORTH CAROLINA

**University of North Carolina at Greensboro (UNCG)
Department of Mathematics and Statistics**

The Department of Mathematics and Statistics at the University of North Carolina at Greensboro (UNCG) seeks applications for a tenure-track position in Computational Algebra, Combinatorics, or Number Theory at the Assistant Professor rank beginning August 1, 2019. Competitive applicants will have research expertise that strengthens our PhD program in Computational Mathematics. Candidates must hold or anticipate a PhD in mathematics or closely related discipline by August 1, 2019. Successful applicants will be expected to excel in teaching, maintain a vigorous research program, seek external research funding, and educate a diverse group of undergraduate and graduate students from various backgrounds. Application materials should be submitted electronically to <https://spartan.talent.uncg.edu/postings/11231>. Review of applications will begin on November 15, 2018 and will continue until the position is filled. UNCG is especially proud of the diversity of its student body which is 43% ethnic minority (admissions.uncg.edu/discover-about.php). UNCG has been designated as a Minority Serving Institution by the US Department of Education. We seek to attract a diverse applicant pool for this position, especially women and members of minority groups, and we are strongly committed to increasing faculty diversity. UNCG is an EOE AA/M/F/D/V employer.

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PENNSYLVANIA

**The Pennsylvania State University
Anatole Katok Chair in Mathematics**

The Department of Mathematics at The Pennsylvania State University is seeking a truly exceptional leader in modern dynamical systems to fill the newly endowed Anatole Katok Chair in Mathematics in the Eberly College of Science. The recipient of this prestigious chair should have a broad view of dynamics and related areas and play a leading role in activities of the recently endowed Anatole Katok Center for Dynamical Systems and Geometry. This position will be filled as a standing tenured faculty appointment. Substantial discretionary funds will be available, on a continuing basis, to support the Chair's research programs. Applicants must complete the Penn State application at <https://psu.jobs/job/80723> and must submit an application through Mathjobs.org with the following materials in order for the application to be complete: (1) Curriculum Vitae; (2) Publication List; and (3) Research Statement. Review of applicants will begin November 15, 2018 and continue until the position is filled.

To review the Annual Security Report which contains information about crime statistics and other safety and security matters and policies, please go to <https://police.psu.edu/annual-security-reports>, which will also explain how to request a paper copy of the Annual Security Report.

Penn State is an equal opportunity, affirmative action employer, and is committed to providing employment opportunities to all qualified applicants without regard to race, color, religion, age, sex, sexual orientation, gender identity, national origin, disability or protected veteran status.

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RHODE ISLAND

**Brown University
Mathematics Department**

The Mathematics Department at Brown University invites applications for one regular position, to begin July 1, 2019 at the

possibility for renewal and a teaching obligation of up to three one-quarter courses per year.

Applicants will be considered for any of the positions above which seem appropriate. Complete applications consist of (a) a cover letter, (b) a curriculum vitae, (c) three or more letters of reference, at least one of which addresses teaching ability, and (d) a description of previous research and plans for future mathematical research. Applicants are strongly encouraged to include information related to their teaching experience, such as a teaching statement or evaluations from courses previously taught, as well as an AMS cover sheet. If you have applied for an NSF Mathematical Sciences Postdoctoral Fellowship, please include that information in your application, and let us know how you plan to use it if awarded. Applications must be submitted online through www.mathjobs.org. Questions may be directed to aptsec@math.uchicago.edu. We will begin screening applications on November 1, 2018. Screening will continue until all available positions are filled.

The University of Chicago is an Affirmative Action/Equal Opportunity/Disabled/Veterans Employer and does not discriminate on the basis of race, color, religion, sex, sexual orientation, gender identity, national or ethnic origin, age, status as an individual with a disability, protected veteran status, genetic information, or other protected classes under the law. For additional information please see the University's Notice of Nondiscrimination at www.uchicago.edu/about/non-discrimination_statement/. Job seekers in need of a reasonable accommodation to complete the application process should call 773-702-7328 or email jgarza@math.uchicago.edu with their request.

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MASSACHUSETTS

**Massachusetts Institute of Technology
Cambridge, MA**

The Mathematics Department at MIT is seeking to fill positions in Pure and Applied Mathematics at the level of Assistant Professor or higher beginning July 2019 (for the 2019-2020 academic year, or as soon thereafter as possible). Appointments are based primarily on exceptional research qualifications. Appointees will be required to fulfill teaching duties and pursue their own research program. PhD in Mathematics or related field required by employment start date.

For more information and to apply, please visit www.mathjobs.org. To receive full consideration, submit applications by December 1, 2018. MIT is an Equal Opportunity, Affirmative Action Employer.

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**Massachusetts Institute of Technology
Cambridge, MA**

The Mathematics Department at MIT is seeking to fill positions in Pure and Applied Mathematics, and Statistics at the level of Instructor beginning July 2019 (for the 2019-2020 academic year). Appointments are based primarily on exceptional research qualifications. Appointees will be expected to fulfill teaching duties and pursue their own research program. PhD in Mathematics or related field required by employment start date.

For more information and to apply, please visit www.mathjobs.org. To receive full consideration, submit applications by December 1, 2018. MIT is an Equal Opportunity, Affirmative Action Employer.

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level of Associate Professor with tenure or tenure-track Assistant Professor; exceptionally qualified senior candidates may be considered for appointment as full Professor. Preference will be given to applicants who will interact mathematically with current members of the Department. For more information see: <https://www.brown.edu/academics/math/faculty-0>

Qualified individuals are requested to submit a letter of application, and a curriculum vitae online to: www.mathjobs.org.

Tenure-level applicants should include the names of precisely 5 references that would be contacted at the appropriate time by the search committee. Candidates should have an outstanding record of scholarship establishing them as international leaders in their fields; a demonstrated willingness to contribute to vitality of the department by mentoring students and interacting with colleagues; and evidence of effective and responsible classroom teaching.

Tenure-track level applicants should request **no more than 5** reference letters to be uploaded by referees directly to the same site. At least one letter should address the candidate's teaching credentials. Candidates should have an excellent track record of research and teaching, and show clear potential to contribute in the future as tenured faculty members.

Applications received by October 15, 2018 will receive full consideration, but the search will remain open until the position is closed or filled. For further information or inquiries, write to: sresearch@math.brown.edu.

Brown University is committed to fostering a diverse and inclusive academic global community; as an EEO/AA employer, Brown considers applicants for employment without regard to, and does not discriminate on the basis of gender, race, protected veteran status, disability, or any other legally protected status.

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Brown University Mathematics Department

J. D. Tamarkin Assistant Professorship: One or more three-year non-tenured non-renewable appointments, beginning July 1, 2019. The teaching load is one course one semester, and two courses the other semester and consists of courses of more than routine interest. Candidates are required to have received a PhD degree or equivalent by the start of their appointment, and they may have up to three years of prior academic and/or postdoctoral research experience.

Applicants should have strong research potential and a commitment to teaching. Field of research should be consonant with the current research interests of the department.

For full consideration, applicants must submit a curriculum vitae, an AMS Standard Cover Sheet, at least three letters of recommendation primarily focused on research, and one letter addressing teaching (possibly as part of a research letter), by November 19, 2018. (Later applications will be reviewed to the extent possible.) In addition, applicants are required to identify a Brown faculty member with similar research interests. Please submit all application materials on line at <http://www.math-jobs.org>. Email inquiries should be addressed to juniorssearch@math.brown.edu.

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Brown University Mathematics Department

Lecturer: One full time position, to begin July 1, 2019. The teaching load is four courses per year (two per semester).

Candidates must have received a PhD degree in Mathematics by the start of the appointment. A minimum of three years full time teaching experience at the university level is required.

Applicants should have a strong commitment to teaching. Courses to be taught will include calculus at all levels and/or linear algebra. The position will also involve coordinating multi-section high-enrollment courses. Other responsibilities will include the oversight and training of graduate student TAs.

For full consideration, applicants must submit a curriculum vitae, teaching statement, AMS Standard Cover Sheet, and at least three teaching references by November 19, 2018. (Later applications will be reviewed to the extent possible.) Please submit all application materials on line at www.mathjobs.org. Email inquiries should be addressed to info@math.brown.edu.

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UTAH

University of Utah Department of Mathematics

The Department of Mathematics at the University of Utah invites applications for the following positions:

- Full-time tenure-track or tenured appointments at the level of Assistant, Associate, or Full Professor in all areas of mathematics.
- Full-time tenure-track or tenured appointments at the level of Assistant, Associate, or Full Professor in all areas of statistics. These positions are part of a University-wide cluster hiring effort in statistics, with particular emphasis in mathematics, computer science, and bioengineering. Successful candidates will have strong interdisciplinary interests.
- Three-year Burgess, Kollár, Tucker, and Wylie Assistant Professor Lecturer positions.

Please see our website at www.math.utah.edu/positions for information regarding available positions and application requirements. Applications must be completed through www.mathjobs.org/jobs/Utah. Review of complete applications for tenure-track positions will begin on October 5, 2018, and will continue until the positions are filled. Completed applications for postdoctoral positions received before January 1, 2019, will receive full consideration.

The University of Utah is an Equal Opportunity/Affirmative Action employer and educator. Minorities, women, veterans, and those with disabilities are strongly encouraged to apply. Veterans' preference is extended to qualified veterans. Reasonable disability accommodations will be provided with adequate notice. For additional information about the University's commitment to equal opportunity and access see: www.utah.edu/nondiscrimination/.

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AUSTRIA

IST Austria Assistant Professor (tenure-track) and Professor Positions in Mathematics

We invite applications in all areas of mathematics for several open positions.

Female researchers are strongly encouraged to apply.

We offer:

- Highly international and interdisciplinary research environment
- Competitive start-up package and salary
- Guaranteed, annual base funding
- Support for acquiring third-party funds
- Wide portfolio of career support
- Child-care facilities and support on campus

IST Austria (www.ist.ac.at) is an international institute dedicated to basic research and graduate education in the natural, mathematical, and computational sciences. The Institute fosters an interactive, collegial, and supportive atmosphere, sharing space and resources between research groups whenever possible, and facilitating cross-disciplinary collaborations. Our PhD program involves a multi-disciplinary course schedule and rotations in research groups. We hire scholars from diverse international backgrounds and our working language is English. The campus of IST Austria is located about 15 km from Vienna, being one of the most livable cities in the world.

Assistant professors receive independent group leader positions with an initial contract of six years, at the end of which they are reviewed by international peers. If the evaluation is positive, an assistant professor is promoted to a tenured professor.

Candidates for tenured positions are distinguished scientists in their respective research fields and have at least six years of experience in leading a research group.

Please apply online at: www.ist.ac.at/professor-applications

The closing date for applications is November 2, 2018.

IST Austria values diversity and is committed to equal opportunity.

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CHINA

Southern University of Science and Technology (SUSTech) Faculty Positions of Mathematics The Department of Mathematics

The Department of Mathematics at Southern University of Science and Technology (SUSTech) is founded in 2015 with a dual mission of creating a first-class research and education organization for mathematics and providing service courses in support of other academic departments at SUSTech. We currently have 36 full-time faculty members, including 6 Chair Professors & 7 Full Professors, 3 Associate Professors, 12 Assistant Professors, and 8 teaching faculty members. Research interests of the faculty members cover a broad array of Mathematics including Pure Mathematics, Computational and Applied Mathematics, Probability and Statistics, and Financial Mathematics.

Call for Applications

We invite applications for full-time faculty positions at all ranks and in all areas of Mathematics, including Financial Mathematics and Statistics. SUSTech has a tenure system. Qualified candidates may apply for appointments with tenure.

Candidates should have demonstrated excellence in research and a strong commitment to teaching. A doctoral degree is required at the time of appointment. A candidate for a senior posi-

tion must have an established record of research and teaching, and a track-record in securing external funding.

To apply, please visit www.mathjobs.org and look up our job ad for instructions. For an informal discussion about applying to one of our positions, please contact Ms. Xianghui Yu, the Secretary of Department of Mathematics, by phone +86-755-88018703 or email: yuxh@sustc.edu.cn.

SUSTech offers competitive salaries, fringe benefits including medical insurance, retirement and housing subsidy, which are among the best in China. Salary and rank will be commensurate with qualifications and experiences of an appointee.

About the University

Established in 2012, SUSTech is a public institution funded by Shenzhen, a city with a designated special economic zone status in Southern China bordering Hong Kong. As one of China's key gateways to the world, Shenzhen is the country's fastest-growing city in the past three decades. From a small fishing village 30 years ago to a modern city with a population of over 10 million, the city has become the high-tech and manufacturing hub of southern China. It is home to the world's third-busiest container port and the fourth-busiest airport on the Chinese mainland. Being a picturesque coastal city, Shenzhen is also a popular tourist destination.

SUSTech is a pioneer in higher education reform in China. Its mission is to become a globally recognized institution that excels in research and promotes innovation, creativity and entrepreneurship. Ninety percent of SUSTech faculty members have overseas work experiences, and sixty percent studied or worked in top 100 universities in the world. The languages of instruction are English and Chinese. Sitting on five hundred acres of subtropical woodland with hills, rivers and a natural lake in Nanshan District of Shenzhen, the SUSTech campus is a beautiful place for learning and research.

The prosperity of Shenzhen is built on innovations and entrepreneurship of its citizens. The city has some of China's most successful high-tech companies such as Huawei and Tencent. SUSTech strongly supports innovations and entrepreneurship, and provides funding for promising initiatives. The university encourages candidates with intention and experience on entrepreneurship to apply.

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Tianjin University, China Tenured/Tenure-Track/Postdoctoral Positions at the Center for Applied Mathematics

Dozens of positions at all levels are available at the recently founded Center for Applied Mathematics, Tianjin University, China. We welcome applicants with backgrounds in pure mathematics, applied mathematics, statistics, computer science, bioinformatics, and other related fields. We also welcome applicants who are interested in practical projects with industries. Despite its name attached with an accent of applied mathematics, we also aim to create a strong presence of pure mathematics. Chinese citizenship is not required.

Light or no teaching load, adequate facilities, spacious office environment and strong research support. We are prepared to make quick and competitive offers to self-motivated hard workers, and to potential stars, rising stars, as well as shining stars.

The Center for Applied Mathematics, also known as the Tianjin Center for Applied Mathematics (TCAM), located by a lake in the central campus in a building protected as historical architecture, is jointly sponsored by the Tianjin municipal government and the university. The initiative to establish this center was taken by Professor S. S. Chern. Professor Molin Ge is the Honorary Director, Professor Zhiming Ma is the Director of the Advisory Board. Professor William Y. C. Chen serves as the Director.

TCAM plans to fill in fifty or more permanent faculty positions in the next few years. In addition, there are a number of temporary

and visiting positions. We look forward to receiving your application or inquiry at any time. There are no deadlines.

Please send your resume to mathjobs@tju.edu.cn.

For more information, please visit cam.tju.edu.cn or contact Ms. Erica Liu at mathjobs@tju.edu.cn, telephone: 86-22-2740-6039.

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JAPAN

OIST Okinawa Institute of Science and Technology Open Faculty Positions in Mathematics

As a part of an effort to create an internationally renowned group in the mathematical sciences, OIST in Japan, invites applications for at least two tenured or tenure-track faculty positions in **Pure Mathematics**.

Instructions regarding application submission: <https://groups.oist.jp/facultypositions>.

Application Deadline: October 15, 2018 (EDT)

Applications are strongly encouraged by August 31, 2018.

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SINGAPORE

National University of Singapore (NUS) Department of Mathematics

The Department of Mathematics at the National University of Singapore (NUS) invites applications for the following positions beginning in August 2019. NUS is a leading global university centred in Asia. The Department of Mathematics has about 60 faculty members and teaching staff whose expertise cover major areas of contemporary mathematical research.

1) Tenured/tenure-track faculty positions at all levels

2) Peng Tsu Ann Assistant Professorship (non-tenure track)

1) Tenured/tenure-track faculty positions at all levels

We seek promising scholars and established mathematicians with outstanding track records in any field of pure and applied mathematics. The Department, housed in a spacious building

equipped with state-of-the-art facilities, offers internationally competitive salary with start-up research grants, as well as an environment conducive to active research, and ample opportunities for career development. The teaching load for junior faculty is kept especially light.

The Department is particularly interested in, but not restricted to, considering applicants specializing in any of the following areas:

- Optimization/machine learning, quantitative finance, network modelling/discrete mathematics, with strong emphasis in data related research.
- Algebraic/arithmetic geometry
- Homogeneous dynamics

Please submit your application at <https://www.mathjobs.org/jobs/jobs/12163>

2) Peng Tsu Ann Assistant Professorship (non-tenure track)

The Department of Mathematics and the Institute for Mathematical Sciences at the National University of Singapore (NUS) invite applications for the position of Peng Tsu Ann Assistant Professorship (non-tenure track) beginning in August 2019. We seek promising young scholars (fresh or recent PhD's) whose research programmes synergize with research thrusts of our senior faculty members.

The position is for a two-year duration with the possibility of a one-year renewal, and it comes with subsidized university housing. The teaching load of this appointment is especially light.

Please submit your application at <https://www.mathjobs.org/jobs/jobs/12164>

Review process will begin on 15 October, and will continue until positions are filled. Enquiries may be sent to search@math.nus.edu.sg

For further information about the department, please visit www.math.nus.edu.sg.

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BULLETIN OF THE AMS

The *Bulletin* publishes expository articles on contemporary mathematical research, written in a way that gives insight to mathematicians who may not be experts in the particular topic. The *Bulletin* also publishes reviews of selected books in mathematics and short articles in the Mathematical Perspectives section, both by invitation only.

Visit www.ams.org/bulletin to view the current issue as well as past issues going back to 1891.

