DARTMOUTH COLLEGE

Postdoctoral Position in Numerical Methods for Sensing Applications

The Department of Mathematics at Dartmouth College invites applications for a postdoctoral appointment with an anticipated start date of August 2017. This is a non-tenure track position and is renewable for up to two academic years contingent upon performance and subject to budgetary approval. This position will be under the direction of Professor Anne Gelb.

Dartmouth College, a member of the Ivy League, is located in Hanover, New Hampshire (on the Vermont border). Dartmouth has a beautiful, historic campus, located in a scenic area on the Connecticut River. Recreational opportunities abound in all four seasons. The department (http://www.math.dartmouth.edu) is home to 22 tenured and tenure-track faculty members whose research encompasses the areas of Applied Mathematics, Combinatorics, Complex Systems, Differential Geometry, Functional Analysis, Logic, Noncommutative Geometry, Number Theory, Numerical Analysis, and Topology. The Department of Mathematics is in the School of Arts and Sciences, and has a strong Ph.D. program and outstanding undergraduate majors.

The ideal candidate should have a solid background in numerical algorithms for image reconstruction and signal processing. It is also beneficial to have some understanding of radar technologies, such as synthetic aperture radar, or some similar data modality. Programming expertise is essential. Salary is set at $46,000 per year. The initial appointment is for 12 months, effective August 1, 2017.

The post-doctoral appointee could have the opportunity to teach one or two ten-week courses; contingent on course availability in the Mathematics Department and teaching qualifications. Salary will be adjusted accordingly and set by the Associate Dean of the Arts and Sciences Division.

Eligibility requires completion of the Ph.D. in mathematical sciences, engineering, or a closely related field, by August 1, 2017. Applicants should submit a curriculum vitae, thesis abstract, statement of research plans and interests, and at least three letters of recommendation. At least one referee should address the applicant’s ability as a teacher and, if the applicant’s native language is not English, the applicant’s ability to use English in the classroom. The position will remain open until filled; applications completed by January 5, 2017 will receive first consideration.

To initiate an application go to https://www.mathjobs.org/jobs/jobs/#9416 and fill out the required application form online. General inquiries can be sent to Tracy Moloney, Department of Mathematics, Dartmouth College, 6188 Kemeny Hall, Hanover, New Hampshire 03755-3551. Specific questions on the selection process can be referred to Professor Anne Gelb (annegelb@math.dartmouth.edu).

Dartmouth College is an equal opportunity/affirmative action employer with a strong commitment to diversity and inclusion. We prohibit discrimination on the basis of race, color, religion, sex, age, national origin, sexual orientation, gender identity or expression, disability, veteran status, marital status, or any other legally protected status. Applications by members of all underrepresented groups are encouraged.

https://math.dartmouth.edu/activities/recruiting/