



CASE WESTERN RESERVE  
UNIVERSITY EST. 1826

## **TENURE TRACK POSITION IN COMPUTATIONAL IMAGING**

The Physics Department of Case Western Reserve University has opened a search for a new tenure-track faculty member in the area of computational physics with an emphasis on imaging. An appointment at the Assistant Professor level is preferred, but more senior appointments will be considered.

The exciting environment embracing this position is the outgrowth of a pioneering MRI educational and Ph.D. mentoring physics program. The program has a thirty-year history of industrial and interdisciplinary collaborations connected to Cleveland's leading imaging companies and to CWRU's top-ranked biomedical engineering and radiology departments. While the computational methodology relevant to this search is already broad, including finite element, finite-difference-time-domain, and Monte Carlo radiation particle tracking applications, candidates coming from a wide variety of applied mathematical physics areas will be considered. With this new hiring, CWRU physics department also hopes to grow a vibrant collaboration with the applied mathematics faculty, which is itself newly expanded.

It is expected that applicants will have already established a program of excellent research. Candidates for Assistant Professor should have publications in refereed journals, while those for Associate Professor and Professor are expected to have a strong record of publications and research funding and to have gained a national and international reputation, respectively. All candidates must possess the strong interest and skills needed to be an effective teacher and mentor of graduate students. The average teaching load is one course per semester. A Ph.D. or the equivalent in physics or a closely related discipline is expected. The CWRU physics department description is found at <http://www.phys.case.edu>.

Review of applications will begin 31 January 2010. All applicants should submit a letter of application, CV, and statements of research plans and teaching as a single pdf file to [compimag2010@phys.case.edu](mailto:compimag2010@phys.case.edu) and arrange for three letters of recommendation to be sent to that address. Please include the candidate's last name in all attachments. If electronic submission is not possible, paper applications may be submitted to COMPIMAG Search, Department of Physics, Case Western Reserve University, Cleveland, Ohio 44106-7079 USA. Questions may be directed to Prof. Robert Brown at [robert.brown@case.edu](mailto:robert.brown@case.edu).



In employment, as in education, Case Western Reserve University is committed to Equal Opportunity and Diversity. Case is a recipient of a National Science Foundation ADVANCE Institutional Transformation Grant to increase the participation of women in Science and Engineering.