IBM

2018-2019 Herman Goldstine Memorial Fellowship in Mathematical Sciences

Submission dates
Nov 14, 2017 - Jan 16, 2018

Eligibility
Candidates must have received a Ph.D. degree after September 2013 or expect to receive one before the fellowship commences in September 2018.

Application requirements
Applicants are required to complete an online form; and provide their full CV, Ph.D. Dissertation abstract, a 2-3 page research statement describing current research and the research they plan to pursue if offered the fellowship, and 3 or more letters of recommendation, including one from their thesis advisor.

Location
IBM T. J. Watson Research Center
Yorktown Heights, NY 10598, USA

Email questions to
goldpost@us.ibm.com
(with subject "2018 Goldstine Query")

The Mathematical Sciences Department of the IBM Thomas J. Watson Research Center invites applications for its 2018-2019 Herman Goldstine Memorial Postdoctoral Fellowship for research in mathematical and computer sciences. The fellowship provides scientists of outstanding ability an opportunity to advance their scholarship as resident department members at the Research Center.

The department provides an atmosphere in which basic research is combined with work on technical problems arising in industry. Our permanent members, academic visitors, and post-doctoral fellows pursue research in pure and applied mathematics and in theoretical and exploratory computer science. Areas of research include: *algorithms* (approximation, randomized, and on-line); *complex systems*; *data mining* (machine learning, pattern recognition, computational statistics); *dynamical systems*; *high-performance computing* (scientific computing, parallel computing, big-data); *inverse problems; numerical analysis*; *optimization* (discrete, continuous, global and stochastic); *operations research*; *probability theory* (stochastic models, risk management, queues & queuing networks, simulation); and *statistics* (time-series, multivariate analysis, spatiotemporal analysis, design of experiments & reliability).

Up to two fellowships will be awarded. The fellowship has a period of one year and may be extended another year by mutual agreement. The stipend is expected to be between $130,000 and $150,000, depending on the length of experience.

For full details and to apply, please visit:
http://www.research.ibm.com/goldstine/

IBM Thomas J. Watson Research Center
Mathematical Sciences Department