Post-doctoral Positions Available at the Ramachandran Lab

Unique opportunity to work at the forefront of advances in structured and singular photonics for fundamental studies (quantum nonlinear photonics) as well as applications (communications, high-power lasers, bio-imaging) at the state-of-the-art Photonics Center in the picturesque campus of Boston University – an urban environment offering unparalleled collaborative opportunities across multiple universities, startups and industrial labs. Candidates with experience related to the following areas are encouraged to apply:

1) Quantum control of light with linear or nonlinear optics in bulk, integrated-waveguide or fiber platforms: Candidates in this position have the opportunity to work with orbital angular momentum fiber platforms for quantum networking applications.

2) High-power fiber lasers; waveguide or fiber-based nonlinear optics: Candidates in this position have the opportunity to investigate spatio-temporal modal control for next generation source engineering as well as its applications in biomedical imaging, sensing and defence.

Further details of the group’s current research directions can be obtained by visiting http://people.bu.edu/sidr/. To apply, email Prof. Siddharth Ramachandran (sidr@bu.edu) a CV as well as cover letter briefly describing your experience and how you think this may be a fit with either of the advertised positions. You are also encouraged to apply if you do not strictly fit in either positions but think that your expertise would represent a good fit with the group’s activities.

Women and minorities who are underrepresented in the physical sciences are especially encouraged to apply.

Boston University is an equal opportunity employer, and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability status, protected veteran status, or any other characteristic protected by law.