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SUBJECT: PostDoctoral Fellow Openings

We invite applications for one Postdoctoral Scholar position specializing in signal processing for radar applications. We are interested in candidates with a strong background in the development of efficient signal processing algorithms and reconstructions for frequency and time-domain radars. The candidate is expected to contribute to the development of algorithms for processing frequency and time-domain radar data. The application of algorithms and reconstructions can include imaging, target identification, and other sensing information. Furthermore, the candidate is expected to contribute to the development of algorithms that will improve radar system performance. The algorithms for improving radar performance will include digital pre-distortion for decreasing distortion from antennas amplifiers, and other nonlinear components, pulse sequencing, etc. Candidates with knowledge in antenna design are also preferred.

The candidate should be familiar with scripting languages such as MATLAB or Python and have a strong signal processing background. Basic familiarity with 3-D electromagnetic simulation packages such as HFSS is a plus.

Applications including a current resume and names of at least three references should be sent (preferably by emailed pdf files) to:

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