Senior research scientist – MRI pulse sequence programming

What we offer

A senior research scientist position in the Department of Medical Physics at Memorial Sloan Kettering Cancer Center (MSKCC), New York City.

The goals for this position are:

• Develop MRI pulse sequences for motion-robust accelerated and quantitative imaging, using compressed sensing, MR fingerprinting and non-Cartesian trajectories.
• Apply the developed technology to clinical cancer studies, based on collaborations with clinical researchers.

The selected candidate will work under the supervision of Dr. Ricardo Otazo, Chief of Magnetic Resonance Imaging and Spectroscopy, and will have the opportunity to interact and collaborate with other members of the MRI group in the departments of Medical Physics and Radiology, and with MSKCC members in general.

The Department of Medical Physics consists of over forty faculty physicists plus support staff working on various physical problems related to diagnosis and therapy for cancer.

Memorial Sloan Kettering Cancer Center is located on the Upper East Side of Manhattan, and is recognized as a world leader in clinical cancer care and research.

What you need

Candidates should have a PhD in physics, engineering or computer science and strong background on MRI physics. Experience with pulse sequence programming, particularly on the GE platform EPIC, is a plus.

How to apply

We invite candidates to submit a CV, brief research statement and contact information of two references to:

Mariya Ratushnaya
Administrative Coordinator
Department of Medical Physics
1275 York Ave
New York, NY 10065
ratushnm@mskcc.org