

AI & MEDICAL IMAGING: SCREENING & PATIENT CARE

September 18, 2026, 9-10am

RSPH CNR 3001 & via Zoom



Add to calendar



Rohan Dhamdhere, PhD Candidate

***Streamlining POCUS for Pulmonary
TB Screening: A Machine
Learning-Derived Reduced-Zone
Protocol for High-Burden Settings***

Rohan N. Dhamdhere is a PhD candidate in the Wallace H. Coulter Department of Biomedical Engineering at Georgia Tech and Emory University and a member of Anant Madabhushi's Lab and the Emory Empathetic AI for Health Institute. His research develops clinically translatable AI methods using medical imaging and physiological data to improve disease screening, risk stratification, and treatment monitoring.



Juyoung Lee, PhD Candidate

***Automated Airway Geometry at
Treatment Completion: A CT-Derived
Marker of 12-Month Lung Function
Decline in Post-TB Lung Disease***

Juyoung Lee is a PhD student in Computer Science and Informatics at Emory University and a member of Anant Madabhushi's Lab. His research uncovers signals in radiological images that carry prognostic information but are not captured by conventional reads, working across tuberculosis, lung cancer, and kidney cancer. In tuberculosis, he quantifies airway deformation on end-of-treatment CT to identify survivors at risk of post-tuberculosis lung disease.

**Join us to learn about the potential of AI to
impact your TB research!**