



The Ottawa
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Health AI and Data Science (HAD) Journal Club Series

Simultaneous Partial Volume Correction and Denoising of Clinical and Phantom Brain Dataset Using Deep learning



Sanaz Kaviani

Post-doctoral Researcher,
TOH & Jubilant

Tuesday, March 4th, 2025 | 3:00 PM – 4:00 PM

Learning Objectives

By the end of the seminar, participants will:

- Simultaneous Partial Volume Correction (PVC) and Denoising of Brain PET images.
- Novel deep learning-based PVC method, leveraging Transformer and U-net architectures to enhance PET image quality and quantitative accuracy

Please email emmabrown1@ohri.ca if you would like to be added the HAD MS Teams group / mailing list.



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Health AI and Data Science (HAD) Journal Club Series



Strategies to Enable EHR Data Use and Machine Learning: The Data Sciences Unit Experience

Tuesday, February 18th, 2025
3:00 PM – 4:00 PM

Dr. Lillian Sung

Chief Clinical Data Scientist, The Hospital for Sick Children

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Inspired by research. Inspiré par la recherche.
Driven by compassion. Guidé par la compassion.