

Corporate LECTURE SERIES



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REPRESENTATION RETRIEVAL: LEARNING FOR HETEROGENEOUS DATA INTEGRATION

3:30 pm Monday, March 23
117 Hayes-Healy

A tea will be held prior to the talk at 3 pm in 101A Crowley Hall

In the era of big data, large-scale, multi-modal datasets offer unprecedented opportunities for predictive modeling and scientific discovery. Qu will discuss using the Representation Retrieval (R2) framework and Selective Integration Penalty (SIP) to manage multi-modal data heterogeneity. By allowing partially shared structures, R2 improves convergence rates and outperforms existing methods in predictive modeling and scientific discovery.

