



Pushpak Pati

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Pushpak Pati received his M.Sc. degrees in Electrical Engineering from ETH Zurich, Switzerland, in 2017. He is currently working toward his Ph.D. degree as part of a collaboration between ETH and IBM Research - Zurich. His research focuses on histopathological prior-guided representation learning in digital pathology. During his PhD, Pushpak contributed to the development of interpretable tissue representation and modeling for various pathology tasks by leveraging Graph Neural Networks and Deep Metric Learning under supervised, weakly-supervised, and annotation scarcity settings. His work spans from staining quality optimization to histopathological diagnosis and explainability in immunohistochemistry and H&E images.





Guillaume Jaume

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Guillaume Jaume received his B.Sc. and M.Sc. degrees in Electrical Engineering from the École Polytechnique Fédérale de Lausanne (EPFL), Switzerland, in 2017. He is currently working toward his Ph.D. degree as part of a collaboration between EPFL and IBM Research - Zurich. His research focuses on deep learning for graph-structured data with applications to computational pathology. During his PhD, he contributed to the development of graph-based representation and modeling of histopathological tissues, notably by taking advantage of the expansion of Graph Neural Networks (GNN). Specifically, Guillaume explored three lines of research in computational pathology: scalability, explainability and weakly supervised settings.

