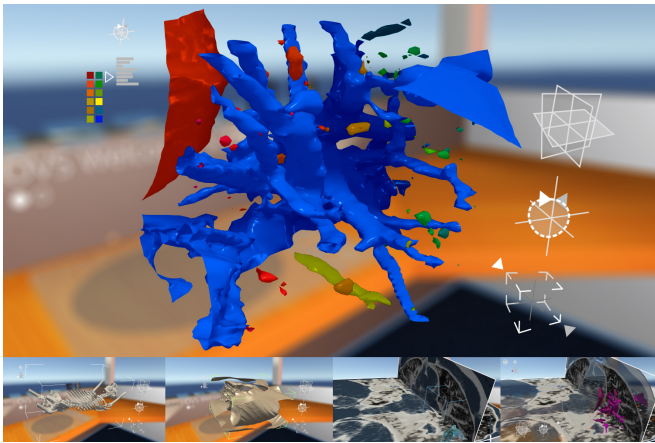


OVS+Tumor: A Tool for Enhanced Lung Tumor Annotation in VR for Machine Learning Training and Analysis

Daniel Crichton, Heather Kincaid, Ashish Mahabal, Sudhir Srivastava, Santiago Lombeyda, George Djorgovski, Christos Patriotis



OVS+Tumor creates a seamless VR environment designed for intuitive interaction aiding in the complex task of parsing through 3D CT-scans and annotating candidate tumors. Through interactive subsetting and on-the-fly iso-cloud generation, a wider range of users beyond just domain experts (radiologists/surgeons) can generate a viable machine-learning training dataset.