

***SLIMER: A Scintillator Layered Imaging Microscope for  
Environmental Research***

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The tracking of radioactive materials through a microscopic environment can be an incredibly useful ability for a variety of applications, but it's something that hasn't been explored fully as of yet. SLIMER, a microscopic imaging setup utilizing the scintillating properties of microcolumnar Cesium Iodide, aims to make this a more easily accomplished task for all disciplines to make use of. Continuing research on the SLIMER setup attempts to ensure that the images can be fully understood and interpreted in terms of the physical meaning of the data collected by the microscope and its usefulness.