

Abstract Submitted
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Color Schlieren Imaging for Plasma Diagnostics ARLEN WARD,
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COLLINS, Colorado State University — The value of color schlieren imaging is
demonstrated for thermal analysis and fluid dynamics of plasmas in liquid and at-
mospheric environments. Temperature and density changes of the fluids allow for
dynamic visualization of the plasma plume during the interactions. Video Schlieren
techniques will be presented to compare and contrast the impact of plasma applica-
tion to tissue proxy gels in both environments.

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