

# Thoughts on Optical and X-ray Measurements for Fuel Sprays

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This talk will describe measurement needs across the entire spray problem, from inside the injector all the way out to the end of the combusting spray tip. Then the advantages and disadvantages of both optical and x-ray techniques will be discussed. The differences between x-ray and optical techniques indicate that the two approaches are highly complementary. Various existing measurement techniques will be discussed quickly and then one or more potential new ideas will be proposed in the hopes that it will spark discussion and the generation of ideas.