

Abstract Submitted
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Emission Enhancement in Quantum Emitters - Plasmonic Nanostructures Systems AESHAH MUQRI, Michigan Technological Univ, JAE YONG SUH, Mi, MICHOGAN TECHNOLOGICAL UNIVERSITY TEAM — In this poster, the emission enhancement probed by spectroscopic and dynamic means will be presented. Systems composed of quantum emitters ensembles in the vicinity of plasmonic structures were fabricated. Their coupling strength were investigated by measuring the reflection, steady state photoluminescence, and time resolved fluorescence.

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