

# Offer of Assistance

Coordinated through MATTR/NIST MEP

OOA2020-011

<<Identification number>>

NIST Laboratory	Physical Measurement Laboratory
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Discipline	Physics
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The researcher's current projects include:

Metal-based additive manufacturing project for in-situ radiometric temperature measurements. This involves laser optical design and instrumentation and broad bandwidth optical design.

The researcher uses the following instrumentation:

Lasers, oscilloscopes, data acquisition modules, current meters, temperature sensors, optical imagers (charged coupled devices/complementary metal oxide semiconductor arrays), various electronics components (passive and active), motion control systems incorporating stepper and/or servo motors. Limited experience with programmable logic controller hardware

The Researcher is proficient in software including:

Labview control software. Familiar with serial, ethernet, modbus, and General Purpose Interface Bus (GPIB) communications. Limited experience with programmable logic controller software.

If this Offer of Assistance matches your needs, please [submit a MATTR request](#).

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