Offer of Assistance

Coordinated through MATTR/NIST MEP

OOA2020-005

<<Identification number>>

NIST Laboratory	MML
Discipline	Materials Science

The researcher's current projects include:

Circular materials economy, application of artificial intelligence to materials science, thermoelectric materials, nanocalorimetric measurements, plastics recycling

The researcher uses the following instrumentation:

Calorimetry on very small quantities of material (i.e., nanocalorimetry), to determine the thermodynamics and kinetics of phase transformations, molecular binding energies, etc., in inorganic, organic and biological materials.

Scanning and transmission electron microscopy to determine microstructure and phase analysis

X-ray diffraction spectroscopy of all materials to determine phase structure

Materials discovery via applications of artificial intelligence to materials.

The Researcher is proficient in software including:

Instrument specific software

If this Offer of Assistance matches your needs, please submit a MATTR request. OOA2020-005

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