

UTA's
Shimadzu Institute for Research Technologies
PRESENTS

Theory and Operation For Inductively Coupled Plasma Spectroscopy

Inductively Coupled Plasma Spectroscopy is useful for elemental and trace element analysis, including heavy metals identification and quantification. Example application areas are water and soil contamination analysis, food and drug safety studies, geological and archaeological sample analysis, semiconductor and nuclear materials characterization, forensic and clinical toxicology investigations.

Includes FREE Hands-on Training for

Inductively Coupled Plasma Atomic Emission Spectrometer (ICPE)



Inductively Coupled Plasma Mass Spectrometer (ICPMS)



Presented by:

Dr. Matthew Loocke

Scientist and Manager of UTA's Center for Environmental, Forensic, and Material Science

Schedule

1/2 Day Classroom

Tuesday, May 21st, 2019

Background and Theory of Operation for
Inductively Coupled Plasma Emission
Spectroscopy

*(Attendance at classroom session is required
to participate in laboratory training)*

Full Day Laboratory

Wednesday, May 22nd, 2019

Hands-on Laboratory Training on Shimadzu
ICPE & ICPMS Instruments
To be held at the Center for Environmental,
Forensic, and Material Science

*(Group size will be limited for laboratory work,
additional days may be added as required)*

RSVP Required to sirtevents@uta.edu