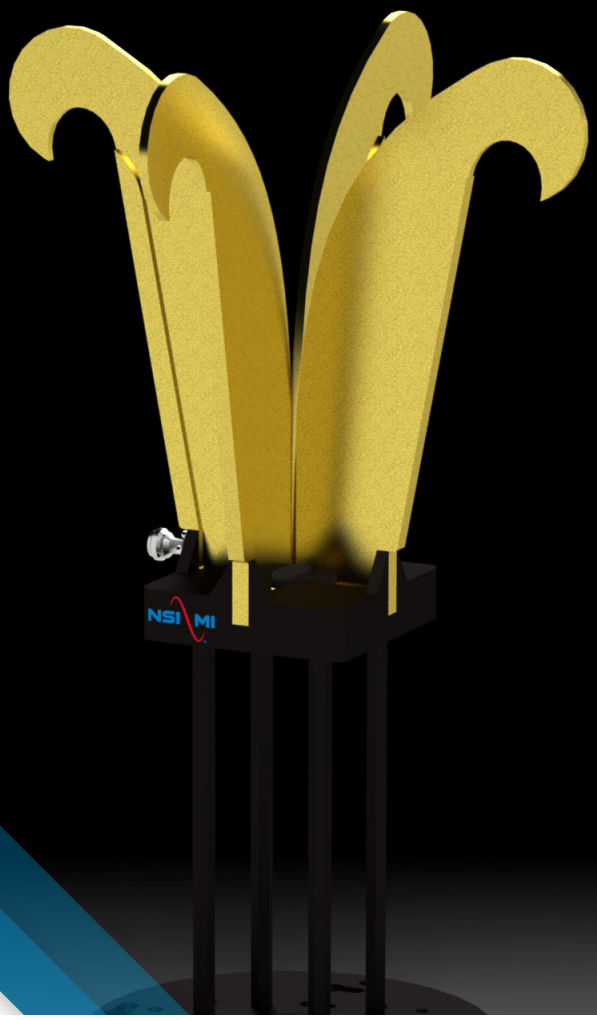
NSI MI

Test with Confidence™



SHORT COURSE

Near-Field & Compact Range Measurements

September 15–18, 2020

NSI-MI Technologies
1125 Satellite Blvd., Suite 100
Suwanee, GA 30024

+1.678.475.8300 marketing@nsi-mi.com www.nsi-mi.com

COURSE DESCRIPTION

This course covers theoretical and practical aspects of near-field, far-field and compact range antenna measurements. Two days are devoted to planar and spherical near-field testing covering: near-field theory, implementation of near-field measurement systems, gain measurement, RF instrumentation for near-field systems, and near-field range assessment. Also included is a lecture addressing chambers and absorber for antenna measurement systems. The final one and a half days are devoted to compact range testing where compact range theory, design implementation and feed structures are discussed. Compact range radome and RCS applications are specifically addressed on the last day of the course.

This course will be presented on-line only using Microsoft Teams. Presentations will be live from 9 am–4 pm (Eastern Daylight Time) with live Q&A opportunities. All presentations will be recorded and made available on-line to all registered attendees for a period of 10 days following the conclusion of the course to allow attendees in other time zones to watch the presentations at their convenience. For off-line attendees, Q&A via e-mail will be possible.

The presenters have been specifically selected to provide a wide expertise base covering theory, application, software and instrumentation. The intended audience is engineers and technicians using and operating NSI-MI Measurement Systems.

COURSE PRESENTERS

NSI-MI Lecturers including:

Anil Tellakula / Daniël Janse van Rensburg / Jeff Fordham / Marion Baggett / Stephen Blalock / Steve Nichols / Vince Rodriguez / Pat Pelland / Bruce Williams / Vivek Sanandiya

COURSE OUTLINE

Day 1 (8:45 am–4:00 pm)

Introduction to General Antenna Measurements
Introduction to Near-Field Theory
Chambers and Absorber for Near-Field Systems
Implementation of Near-Field Systems

Day 2 (9:00 am–4:00 pm)

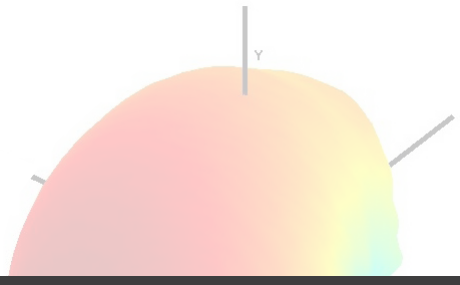
Spherical Near-Field Theory
Gain Measurement
RF Instrumentation for Near-Field Systems
Near-Field Range Assessment

Day 3 (9:00 am–4:00 pm)

Introduction to Compact Ranges
Implementation of Compact Ranges
Compact Range Design and Manufacture
Advanced Compact Range Topics

Day 4 (9:00 am–12:30 pm)

Compact Range Radome Testing
Compact Range RCS Measurements



REGISTRATION FORM

Register online at www.nsi-mi.com or complete this form and email to marketing@nsi-mi.com
Fall Short Course: September 15–18, 2020
Early Bird Registration Deadline: September 7, 2020

ATTENDEE CONTACT INFORMATION

NAME: _____ TITLE: _____

COMPANY NAME: _____ PHONE: _____

ADDRESS: _____ CITY, STATE, ZIP: _____

EMAIL: _____

FALL SHORT COURSE FEE STRUCTURE

		Early	Standard
☑	Virtual Attendance (Includes electronic lecture notes)	$3,400	$3,650
☐	Theory and Practice of Modern Antenna Range Measurements Textbook (Optional)	$125	$125
☐	Anechoic Range Design for Electromagnetic Measurements Textbook (Optional)	$125	$125
☐	Bound Lecture Notes (Optional)	$100	$100

Total: $ 3,400.00

PAYMENT BY CREDIT CARD

Please fill out the below information for credit card authorization: ☐ Same Address as Above

CARDHOLDERS NAME: _____

COMPANY NAME ON CARD (IF APPLICABLE): _____

BILLING STREET ADDRESS: _____

BILLING CITY, STATE, ZIP: _____

EMAIL FOR PAYMENT RECEIPT: _____

CARD TYPE: ☑ VISA ☐ MC ☐ AMEX CREDIT CARD NUMBER: _____

EXPIRATION DATE: _____ CVV CODE: _____

If you prefer to make your payment by phone, please list contact information below:

NAME: _____ PHONE NUMBER: _____

PAYMENT BY CHECK

All checks should be made payable to NSI-MI Technologies. Mail your check along with a printed copy of this Registration Form to:

NSI-MI Technologies
ATTN: Accounts Receivable
1125 Satellite Blvd., Suite 100
Suwanee, GA 30024

VIRTUAL ATTENDANCE

Registration fee is per attendee. Requirements and instructions regarding how to virtually attend the short course will be sent to all virtual attendees no later than September 7, 2020.

CANCELLATION REQUESTS

Attendees who wish to cancel their short course registration must email marketing@nsi-mi.com before September 7, 2020. A cancellation fee of $100.00 USD will be applied. No refunds will be honored after September 7, 2020. Please note that all refunds will be issued in the same format that the payment was received. NSI-MI Technologies reserves the right to cancel this course by September 7, 2020 in the event of insufficient enrollment and in such an event all registrants will be contacted and receive a full registration refund.

☐ **By checking this box, I acknowledge and agree to the Terms and Conditions listed above.**

Should you have any questions or need additional information, please contact marketing@nsi-mi.com.