

**Description:** A comprehensive three day course that covers production, testing, and implementation of SpatialAnalyzer® Measurement Plans in today's modern portable metrology industry. This is a complete course on scripting in SA, including techniques and best practices for automating measurement, analysis, and reporting tasks.

**Duration:** 3 Days

**Prerequisites:** Advanced experience and knowledge of all measurement, analysis and reporting techniques. Preferable experience is at least one year of heavy SA use.

## Featured Topics

### Overview

- Defining an MP
- Fundamentals
- Applications
- Class schedule

### Formats

- Embedded formats
- How to export
- Quick access MPs

### The MP Editor

- Commands and arguments
- Understanding variables
- Breakpoints and comments

### Data Types

- Boolean
- Integer
- Double
- String
- Type conversion

### Loops

- Iterating
- Counted
- How to use loops

### Error Handling & Interfacing

- Debugging and fixing code
- Utilizing MP watcher
- Interfacing with Microsoft Office
- Using Custom code

### Measuring with MPs

- Test the MP in simulation mode
- Scripting the measurement process
- More testing and implementation
- Extra questions

