

# Research & Education Seminar Tour 2016

Giovedì 19 Maggio 2016 ore 09:00 Univ. di Pavia  
(AULA SEMINARI - Ex Dip. Elettronica – PIANO D)

Via Ferrata, 5 - 27100 Pavia

## "New Frontiers in RF Measurements"

| 09:00 - 09:30 Welcome and introduction

| 09:30 - 11:00 Calibration basics (Introduction sources of error & the benefits of system error correction. Comparison of different calibration types and introduction of enhanced corrections, along with text fixture removal techniques)

| 11:00 - 11:15 Coffee Break

| 11:15 - 12:00 Connector care (Introduction into connector system and why we use 50 Ohm; discussion of various connector types with their limitations and good practises for care and use)

| 12:00 - 12:45 Multiport approach for Network Analyzers (Standard presentation of VNA basics and concepts about new multiport)

| 12:45 - 14:00 Break

| 14:00 - 14:30 Signal Analysis Basic (basic of the spectrum analysis and how the hardware changes with the technology)

| 14:30 - 16:00 A new frontier for the measurement of Phase Noise (What are noise parameters and how to measure with the fastest and accurate HW)

| Hands-on Session and conclusion

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