

Swiss Confederation



VNA Tools training course (held in Columbia MD, USA)

VNA Tools is a free software developed by METAS for measurements with the Vector Network Analyzer (VNA). The software facilitates the tasks of evaluating measurement uncertainty in compliance with the ISO-GUM and justifying metrological traceability. The software is available for download at www.metas.ch/vnatools. The three day course provides a practical and hands-on lesson with this superior and versatile software.

Date March 28–30, 2023

Location Rohde & Schwarz USA, Inc.

Columbia, MD 21046

USA

Language The course will be given in English.

Target audience Engineers, scientists, technicians and students in metrology, calibration,

research and production. Anyone who is required to perform accurate S-parameter measurements and to demonstrate

metrological traceability.

ContentThe training has a focus on practical usage of the software. Participants bring a laptop

to the course and will be guided in the use of VNA Tools through the different steps of a VNA measurement. This covers interaction with the VNA, data taking, VNA calibration, VNA error correction, data visualization, data export, evaluation of

uncertainty contributions, uncertainty

budget and more.

The course however goes beyond a tutorial in software usage. It touches a wide range of conceptual aspects related to VNA Tools and relevant for the quality of VNA measurements in general, just to

name a few.

Cost per person USD 3,500.00 (standard course fee)

USD 1,050.00 (for participants from academia with support letter from institution or proof of student card, number of seats

limited)



Registration

The number of participants is limited to 16. Registration by mail, at least one month before the course at sekretariat@metas.ch.

METAS reserves the right to cancel the course if the minimum number of participants is not reached.

Registrations are final and binding but it is possible to appoint a replacement if unable to attend. The fee is also due in case of no-show, drop out of the training or cancellation on the part of the attendee.

Contacts /
Course details

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