

# Measurement Quality Improvement and Machining Testing Efficiency

## Seminar description

In order to understand and optimize machining processes, it is important to plan and execute testing and measurement in a right way during machining R&D. Machine, process and product interaction consists of high dynamical changes that requires understanding the origin of different phenomena. Therefore, right measurement equipment, set-up and analysis can significantly contribute to a better understanding and process optimization.

This consultancy/training is built in different modules and can be customized depending on the needs and circumstances.

## Seminar content

**Module 1:** Plan of the R&D test execution

- Review of the R&D project plan.
- Selection of suitable measurement equipment for the specific case.
- Creation of the test plan and testing strategy.

**Module 2:** Set-up of the test equipment

- Setting up of the hardware and software
- Data acquisition (alising, filtering, sampling rate, ...)

**Module 3:** Analysis and interpretation of the results

- Data post processing
- Report generation
- Result interpretation

## Goal

Understand and optimize machining processes by plan and execute testing and measurement in a right way during machining R&D.

## Target group

Machining users

## Prerequisite for participation

General technical basics

## Duration

1/2 day, depending on customizing

## Seminar number

9966B2021-11

This seminar is designed as an online-training but can also be held on your premises. Date and price on request.

## Language

English

## Register at

training.de@kistler.com