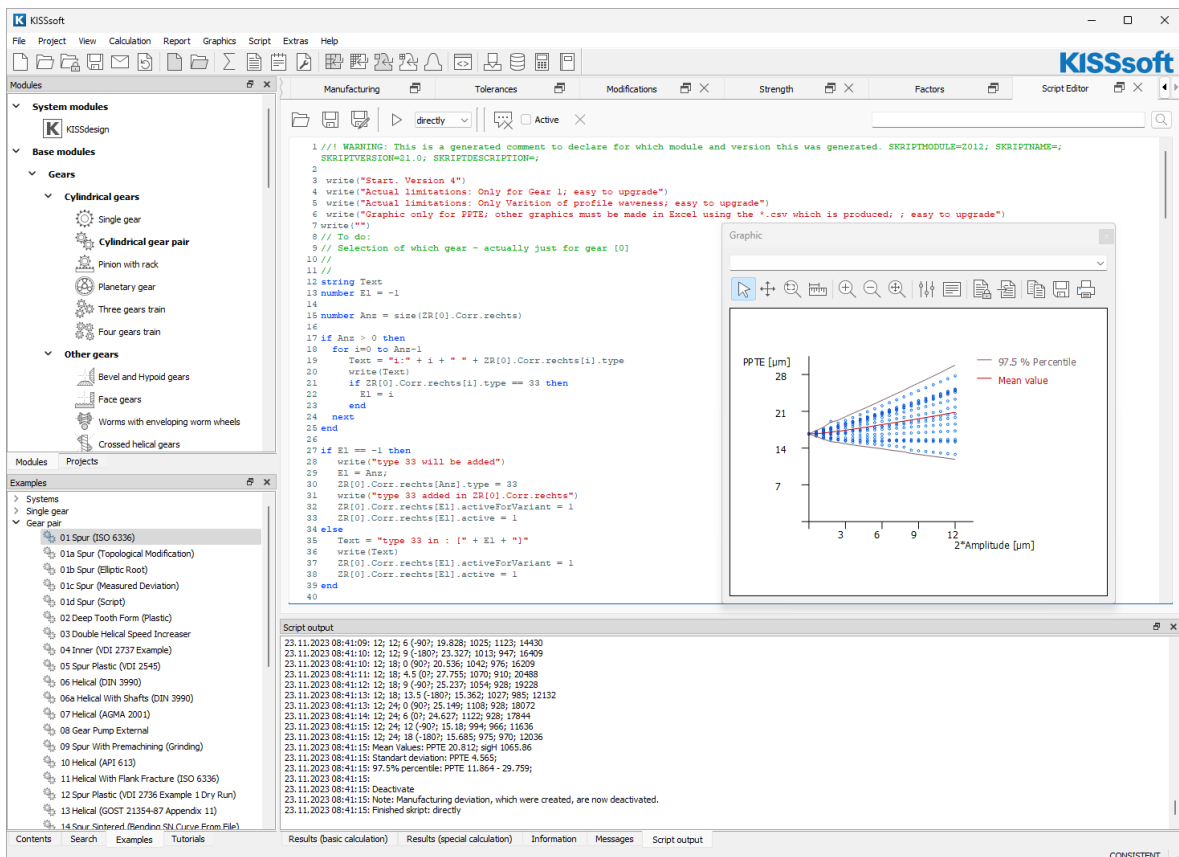


## Special Training

## Script and COM Interface

## 2 Live Stream Sessions



## General information

- Use of Meta-variables
- Calculation file comparison in an editor
- Explanation of report templates and label structure

## COM interface

- Server registration and access from VBA Excel
- Difference between the general and version-specific COM interface, maintenance
- Basic and Expert COM interface
- Possibilities and limitations
- Various function calls in VBA Excel with examples

## Script

- Handling of Script editor and files
- Explanation of Script events
- Script programming (variable declaration, statements, operations, function calls) with examples
- Difference between local and Meta-variables
- User interface with Script

```
Dim ksoft As CKISSsoft
Set ksoft = New CKISSsoft

Call ksoft.GetModule("Z012", True)

Call ksoft.LoadFile("../01 Spur (ISO 6336).Z12")

Call ksoft.SetVar("ZR[0].b", "50")
Call ksoft.SetVar("ZR[1].b", "50")

Call ksoft.Calculate

SF1 = ksoft.GetVar("ZPP[0].Fuss.SFnorm")
SF2 = ksoft.GetVar("ZPP[1].Fuss.SFnorm")
SH1 = ksoft.GetVar("ZPP[0].Flanke.SH")
SH2 = ksoft.GetVar("ZPP[1].Flanke.SH")

Call ksoft.ReleaseModule

End Sub
```

		Gear 1	Gear 2	
Number of teeth	z	25	76	
Facewidth	b	50	50 mm	+
Profile shift coefficient	x	0.2485	-0.2485	← ↔ ↗
Quality (ISO 1328:2013)	A	6	6	↗

Gear 1	Case hardening steel	18CrNiMo7-6, case-hardened, ISO 6336-5 Figure 9/10 (MQ), Core hardness $\geq$ 25HRC Jominy J=12mm <HRC28	+
Gear 2	Case hardening steel	18CrNiMo7-6, case-hardened, ISO 6336-5 Figure 9/10 (MQ), Core hardness $\geq$ 25HRC Jominy J=12mm <HRC28	+
Lubrication	Oil bath lubrication	Klüberoil GEM 1-220 N with details about wear coefficient kw	↔ +