

Program system SINETZ  
Training agenda

Program training

# SINETZ

Program System for Steady State Calculation  
of Flow Distribution, Pressure Drop and Heat Loss  
in Branched and Intermeshed Piping Networks

Date:

Subject: **SINETZ Basic training**, one day, 9.00- 16.00 (9 a.m. to 4 p.m.)

Location: SIGMA Ingenieurgesellschaft mbH  
Bertha-von-Suttner-Allee 19, 59423 Unna, Germany  
or external training location

Additional information: Training details, travel and hotel info see [www.rohr2.com](http://www.rohr2.com)

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## AGENDA

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### Morning

*Welcome and introduction*

*SINETZ Overview*

*SINETZ*

SINETZ System input  
Graphical User Interface

*System input*

- Handling, menu, toolbars
- Modeling
- Boundary conditions (pressure, mass flow, temp)
- Calculation and representation of the results
- Documentation, report generation

### Afternoon

*SINETZ*

Input/output documentation

*Calculation examples*

Examples by training attendees or SIGMA

*Analysis of results*

Calculation results

*Special topics*

e.g.

- Define different load cases and states of operation
- Pumps and fans
- Orifice dimensioning

*Discussion*