

PRELIMINARY PROGRAM

Training Course

'Pulsation and Vibration Control in Process Installations'

TNO Rijswijk, 20-21 April, 2026

Monday April 20

Plenary

08.30 – 09.00 Welcome coffee
09.00 – 09.15 Introduction to TNO/PVC course
09.15 – 10.15 Pulsation and Vibration effects in Process Installation
10.15 – 10.30 Coffee break
10.30 – 11.30 Fundamentals of wave propagation in piping
11.30 – 12.15 Lab Tour

12.15 – 13.00 Lunch buffet

Parallel sessions

Positive displacement machinery

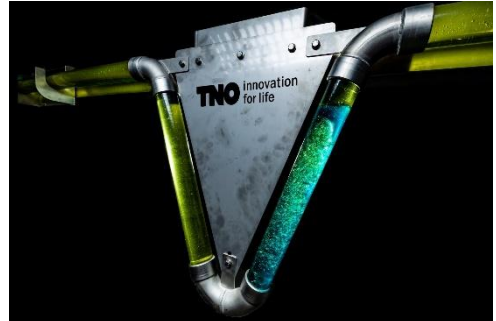
13.00 – 17.00 - Pulsations in Reciprocating Compressors
- Pulsations in Reciprocating Pump systems
- Pulsations in Screw compressors
- Hydrogen Compression

Flow/Acoustic induced pulsations

13.00 – 17:00 - Flow induced Pulsations
- Acoustic induced Pulsations
- Multiphase forcing
- Water hammer

Plenary

19.00 – 22.00 Dinner (City Centre of Delft)



Tuesday April 21

Plenary

08.30 – 09.00 Welcome coffee
09.00 – 10.00 Introduction to pipe vibrations
10.00 – 10.15 Coffee break
10.15 – 11.15 Measuring pulsations and vibrations
11.15 – 12.15 Introduction to fatigue

12.15 – 13.00 Lunch buffet

Parallel sessions

Positive displacement machinery

13.00 – 16.15 API Workflow, Acoustics
API Workflow, Mechanics
API Workflow, Case Study

Flow induced pulsations/vibrations

13.00 – 16.15 AVIFF Workflow

