

# PRELIMINARY PROGRAM

## Training Course

### 'Pulsation and Vibration Control in Process Installations'

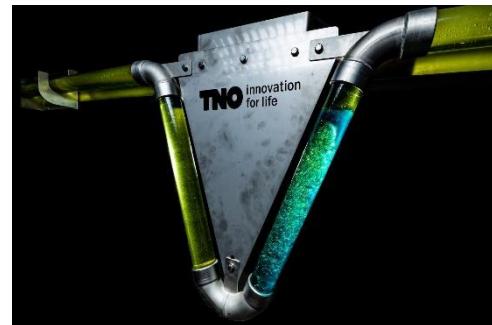
TONO Rijswijk, 20-21 April, 2026

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