

PRELIMINARY PROGRAM

Workshop/Training Course

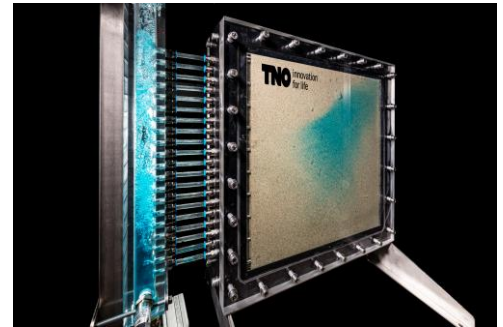
'Pulsation and Vibration Control in Process Installations'

TNO Rijswijk, 7-8 April, 2025

Monday April 7

Plenary

08.45 - 09.15	Welcome coffee
09.15 - 09.45	Introduction to TNO/PVC course
09.45 - 10.45	Pulsation and Vibration effects in Process Installation
10.45 - 11.00	Coffee break
11.00 - 12.00	Fundamentals of wave propagation in piping
12.00 - 13.00	Lunch buffet



Parallel sessions

Positive displacement

13.00 - 14.45	Pulsations in Reciprocating Compressor/Pump systems, part I
14.45 - 15.00	Tea break
15.00 - 16.00	Pulsations in Reciprocating Compressor/Pump systems, part II
16.30 - 17.00	Application to Hydrogen compression systems

Flow induced pulsations/vibrations

13.00 - 14.00	Water hammer
14.00 - 14.45	Pulsations in turbo compressor systems
14.45 - 15.00	Tea break
15.00 - 15.45	Flow induced Pulsations
15.45 - 17.00	Multiphase forcing

Plenary

19.00 - 22.00	Dinner
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Tuesday April 8

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 - 13.15	Lunch buffet



Parallel sessions

Positive displacement

13.15 - 14.00	API Workflow, Acoustics
14.00 - 14.45	API Workflow, Mechanics
14.45 - 15.00	Tea break
15.00 - 16.30	API Workflow, Case Study

Flow induced pulsations/vibrations

13.15 - 14.45	AVIFF Workflow, guidelines
14.45 - 15.00	Tea break
15.00 - 16.30	AVIFF Workflow, Case Study