



## EUROPEAN PUMP SCHOOL

December 13th – 16th, 2022 | Venice, Italy | DoubleTree Venice North in Mogliano

### About

Join Cornell Pump for classes on pump operation, basic hydraulics, slurry applications, engines, and more. Designed to increase pump knowledge of participants, the courses utilize standards from the Hydraulic Institute for course design.

Cornell has successfully trained tens of thousands of participants at our popular pump school in Portland, Oregon since 1949. We are bringing the same high-quality training to Europe.

Wednesday and Thursday are full class days, where over 16 presentation topics will be covered by pump experts. On Friday, there will be an on-site factory demonstration of pump disassembly. See website for full schedule details.

### Program Includes:

- Classes
- Live pump disassembly
- Two receptions, two lunches, hosted dinner

### Topics Include:

- Basic Hydraulics • Pump Curves • Pump Selection, NPSHA/R
- Materials of Construction • Pump Parts • Flow Meter • Pump Flo
- Installation & Troubleshooting • System Design, TDH Calculation & Friction Losses • System Curves, Pumps Parallel & Series
- Materials of Construction • Mechanical Seals • Cornell Product Line

### Register Today

\$100 per participant  
(approximately 100€)

All this networking, learning, and pump knowledge for \$100.

Double Tree Venice North in Mogliano  
(hotel reservations are the responsibility of registrations)

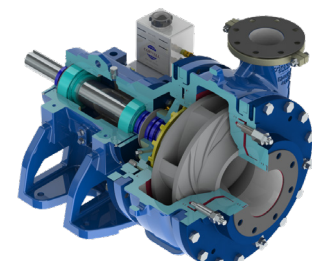
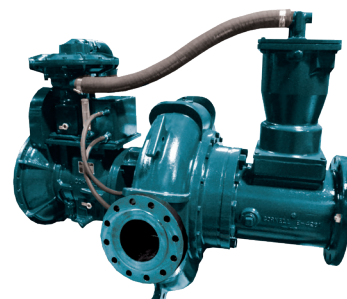
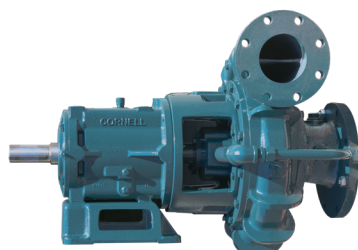
Find out more about the schedule and register today with QR Code below. Space will sell -out!

Register online at:

[www.cornellpump.com/2022EuroPump](http://www.cornellpump.com/2022EuroPump)

Presented in conjunction with *Euromacchine*

**Euromacchine**  
PUMPING INNOVATION







# 2022 European Pump School Schedule

## DAY 1 WEDNESDAY, DECEMBER 14

START TIME	END TIME	TOPIC
8:00 AM	8:15 AM	Welcome/ logistics
8:15 AM	10:00 AM	Cornell Product Lines and Features
10:00 AM	10:15 AM	Break
10:15 AM	11:00 AM	Pump Parts and Terminology
11:00 AM	12:00 PM	Basic Hydraulics
12:00 PM	1:00 PM	Lunch
1:00 PM	1:45 PM	Pump Curves, System Design, TDH & Friction
1:45 PM	2:45 PM	NHSPR & Hydraulic Institute Standards
2:45 PM	3:00 PM	Break
3:00 PM	4:00 PM	System Curves
4:00 PM	4:30 PM	Pump Flo, Ecatalog, Mobile Tool Kit
4:30 PM	5:00 PM	Priming Systems

## DAY 2 THURSDAY, DECEMBER 15

START TIME	END TIME	TOPIC
8:00 AM	9:00 AM	Pumps in Series and Parallel
9:00 AM	9:30 AM	Manure Applications
9:30 AM	10:00 AM	Metallurgies
10:00 AM	10:15 AM	Break
10:15 AM	11:15 AM	Motors and VFDS
11:15 AM	12:00 PM	Energy Efficiency
12:00 PM	1:00 PM	Lunch
1:00 PM	2:00 PM	Slurry
2:00 PM	2:30 PM	IOT
2:30 PM	3:00 PM	Seals
3:00 PM	3:15 PM	Break
3:15 PM	4:00 PM	Installation and Care
4:00 PM	5:00 PM	Pump Selection

## DAY 3 FRIDAY, DECEMBER 16

START TIME	END TIME	TOPIC
7:30 AM	7:45 AM	Load Buses
7:45 AM	8:30 AM	Transit
8:30 AM	9:00 AM	Euromacchine Introduction and Factory Tour
9:00 AM	10:45 AM	Pump Build
10:45 AM	11:00 AM	Preselected Questions for Panel to Answer
11:00 AM	11:45 AM	Lunch
11:45 AM	12:00 PM	Hand Out Certificates
12:00 PM	12:45 PM	Transit Back To Hotel