This five-day Hydrostatic Pumps and Motors Minicourse will cover the following topics:

- Essential physics – viscous flow, compressibility, cavitation
- Working principles of common types of hydrostatic machines – axial/radial piston, external/internal gear, gerotor, vane, and screw types
- In-depth dive into piston and gear machines – major sources of power loss and design considerations
- 1D + 3D models and basic design optimization approaches

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