

## AREAS OF INTEREST

Abstract categories listed below are of interest to the Turbomachinery and Pump Symposia. Along with the listed categories, authors are also encouraged to propose new ideas that could be of interest.

### ALIGNMENT

### ANCILLARY EQUIPMENT

- Baseplates
- Condition Monitoring Controls
- Filtration
- Foundations
- Governors
- Instrumentation
- Lubrication Systems
- Machinery Protection Systems
- Piping
- Sealing Systems

### APPLICATIONS

- Acid Gas
- Ammonia
- Chemical
- High Pressure
- LNG
- Pipeline
- Power Generation
- Refining
- Sour Gas (High CO<sub>2</sub> &/or H<sub>2</sub>s)
- Subsea
- Transport
- Wet Gas

### BALANCING

### BEARINGS

- Fluid Film
- Gas
- Magnetic
- Rolling Element

### BLADED DISKS & IMPELLERS

### COMPRESSORS

- Axial
- Centrifugal
- Integrally Geared Reciprocating
- Screw

### COUPLINGS

- Flexible Element
- Fluid
- Variable Speed

### DECARBONIZATION

### DESIGN AUDITS

### DIAGNOSTICS

### DIGITALIZATION

- Augmented Reality/Virtual Reality Automation
- Data Analytics (Predictive/Statistical)

### DRIVERS

- Electric Motor
- Gas Turbine
- Steam Turbine
- Variable Speed Drives

### EQUATIONS OF STATE

### EXPANDERS

- Hot-Gas Expanders
- Turboexpanders

### FANS

### GEARS

### GENERATORS

### INSPECTION

### INSTALLATION

### MAINTENANCE

### MATERIALS & MANUFACTURING

- Additive Manufacturing
- Coatings
- Corrosion
- Metallurgy
- Wear
- Welding

### OPERATION & PERFORMANCE

- Cavitation
- Choke
- Efficiency
- Noise
- Off-Design Behavior
- Range
- Rotating Stall
- Surge

### PRESERVATION

### PUMPS

### REAPPLICATION

### RELIABILITY

### REPAIR

### RE-RATES

### ROOT CAUSE

### ANALYSIS

### ROTOR DYNAMICS

- Critical Speed
- Lateral Torsional Stability
- Stability Test/Measurement

### SEALS

- Brush Dry Gas
- Hole-pattern/Honeycomb
- Labyrinth
- Mechanical
- Packing
- Wet

### SAFETY

### SPECIFICATIONS

### TESTING/COMMISSIONING

- Field Testing
- Performance Testing
- Shop Testing

### THERMODYNAMICS

### VIBRATION

- Diagnostics
- Field Vibration
- Lateral Shaft Vibration
- Subsynchronous Shaft Vibration
- Torsional Vibration
- Vibration Monitoring

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