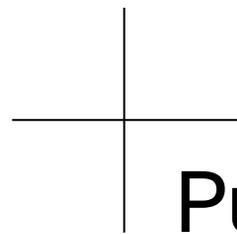
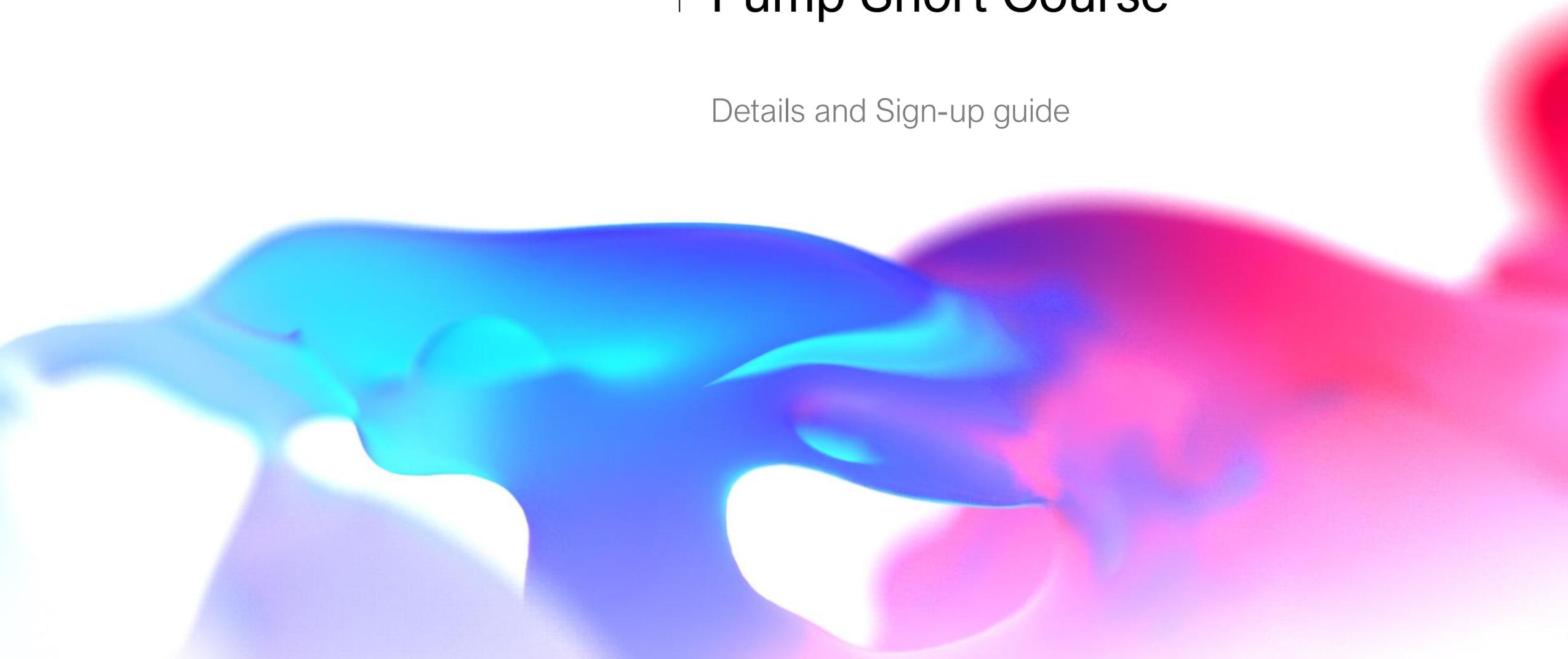


SULZER



Pump Short Course

Details and Sign-up guide





Click on this link to register

<https://na.eventscloud.com/ereg/newreg.php?eventid=613908&categoryid=3997276>

SYMPOSIA & SHORT COURSE

- Access to one, half-day short course, Monday, 23 May 2022
- Full access to the Exhibit Hall & Technical Sessions
- Immediate access to Proceedings
- Tuesday & Wednesday Lunch

\$1350 USD Per Badge

Register

SHORT COURSE ONLY

- Access to one, half-day short course, Monday, 23 May 2022

\$800 USD Per Badge

Register

This is the entry to registration page



ASIA TURBOMACHINERY & PUMP SYMPOSIUM REGISTRATION PORTAL

Welcome Attendee Information Select Agenda Registration Record

* = Required Field

Error: There are problems with the fields in red.

WELCOME TO DELEGATE REGISTRATION!

Enter your email address and click "Continue" to register as a delegate for ATPS 2022.

REGISTRANT EMAIL ADDRESS*

Error: This response has been entered too many times.

Attendee Category Delegate Registration

Continue

Already Registered? [Click here](#) to modify your registration.

These various pass tiers will entitle you to select for the pump short course on 23rd May

Please select from the following options: *

Symposia \$900.00

- Full access to Technical Sessions & Exhibit Hall
- Immediate access to Proceedings
- Tuesday & Wednesday lunch & dinner

Symposia + Monday Short Course \$1,350.00

- Access to one, full-day Short Course on Monday
- Full access to Technical Sessions & Exhibit Hall
- Immediate access to Proceedings
- Tuesday & Wednesday lunch & dinner

**Short Course selections can be made prior to completing the registration process*

Short Course ONLY (Monday Pass) \$800.00

- Access to one, full-day Short Course on Monday ONLY
- Entry to Short Course luncheon

**Short Course selections can be made prior to completing the registration process*

Symposia Day Pass \$450.00

- Access to Technical Sessions & Exhibit Hall on select day
- Tuesday OR Wednesday lunch

**Select day can be chosen on the page following your personal information.*

Short Course (Monday) & Symposia Day Pass \$1,250.00

- Access to chosen Short Course on Monday
- Access to Technical Sessions & Exhibit Hall on select day
- Tuesday OR Wednesday lunch

**Select day can be chosen on the page following your personal information.*

Follow through the registration process

Attendee information	Demographic Metrics
	* = Required Field
WHAT IS YOUR PRIMARY INDUSTRY TYPE?*	[Clear Selection] <ul style="list-style-type: none"><input checked="" type="radio"/> Oil & Gas<input type="radio"/> Chemical/Petrochemical<input type="radio"/> Mining/Minerals<input type="radio"/> Water<input type="radio"/> Power<input type="radio"/> Manufacturing/Repair<input type="radio"/> Education<input type="radio"/> Other
WHAT IS YOUR JOB CATEGORY?*	[Clear Selection] <ul style="list-style-type: none"><input type="radio"/> Senior Management (President, VP, C-Level, Division)<input type="radio"/> Management (Manager, Supervisor, Lead)<input checked="" type="radio"/> Professional Engineer<input type="radio"/> Technician/Engineering Support/Operator<input type="radio"/> Business Services<input type="radio"/> Sales/Marketing<input type="radio"/> Other
WHAT IS YOUR COUNTRY OF CITIZENSHIP AS LISTED ON YOUR PASSPORT?*	Singapore ▼
PASSPORT NUMBER	k2536
GENDER	[Clear Selection] <ul style="list-style-type: none"><input checked="" type="radio"/> Male<input type="radio"/> Female<input type="radio"/> Choose to not respond
ARE YOU A TEXAS A&M GRADUATE?*	[Clear Selection] <ul style="list-style-type: none"><input type="radio"/> Yes<input checked="" type="radio"/> No
WHAT UNIVERSITY DID YOU ATTEND?	RMIT University
HOW DID YOU HEAR ABOUT ATPS (SELECT ALL THAT APPLY)?*	<input type="checkbox"/> Turbo Lab website <input type="checkbox"/> Turbo Lab email

Click on SC7- Pump Fundamentals for Sulzer delivered course

Optional Events:

Monday 05/23/2022

- 08:00 - 17:00* I choose to attend: [\[Clear Selection\]](#)
- SC5 - Lateral & Torsional Rotordynamics of Machinery [\[More Info\]](#)
 - SC1 - Transmission Technology [\[More Info\]](#)
 - SC3 - Best Practices in Turbomachinery Maintenance and Reliability [\[More Info\]](#)
 - SC4 - Industrial Gas Turbines [\[More Info\]](#)
 - SC6 - Introduction to Reciprocating Compressors, Components, and Troubleshooting [\[More Info\]](#)
 - SC7 - Pump Fundamentals [\[More Info\]](#)

09:00

Short Courses choice:

Tuesday 05/24/2022

09:00 - 09:35 I plan to attend the Welcome Address. [\[More Info\]](#)

Wednesday 05/25/2022

19:30 - 21:00 I plan to attend the Gala Dinner [\[More Info\]](#)

Total Cost \$800.00

Continue



Pump Fundamentals Course details



ASIA TURBOMACHINERY & PUMP SYMPOSIUM
24-26 MAY 2022
SHORT COURSES: 23 MAY 2022

SULZER



Your trainer



Nick Ahrens

Senior Technical Trainer

Sulzer academy of pumps & system

Nick is a professional engineer with over 30 years of experience in mechanical design, engineering and dealing with pumps. As a Chartered Engineer and Fellow of the IMechE, Nick has held various field servicing, design and engineering managerial positions in various multinational Pump and Compressor manufacturers over the years such as Weir, Clydeunion Pumps and Howden Process Compressors, etc. His wealth of industry experience and passion for education and nurturing the next generation of engineers even saw him headhunted by the University of Glasgow for a lecturing stint, teaching mechanical engineering.

In his current role of Senior Technical Trainer for Sulzer's training academy, Nick has delivered bespoke pump training courses to pump operators, maintenance staff and system engineers of major industrial multinationals operating in the Oil & Gas and Power generation sectors. He has since trained more than 2000 engineering professionals across Europe and the Middle East, with more than 2000 training hours under his belt. Whether the training is generic, site specific or product specific, Nick delivers the essential training using animated interactive presentations, which are derived from original pump documentation and backed with his wealth of subject matter, industry, and hands-on experience



Course Synopsis

[The Sulzer Academy for pumps and systems](#) brings its highly acclaimed Pump Fundamentals course to ATPS. An ideal introduction or refresher course for engineers and technicians with responsibilities involving pump systems. This one-day training class covers pump hydraulic fundamentals, operating principals, system design and cavitation prevention. The course helps system designers and operators understand centrifugal pumps and associated auxiliary equipment and hence improve the efficiency and reliability of their pumping equipment. The course will be conducted by Sulzer's senior technical trainer- Nick Ahrens, a chartered mechanical engineer with more than 30 years of in-depth experience designing and managing pumps and systems.



Course key takeaways

- Understanding how to prolong the life of the equipment by operating in the optimum condition. This is addressed by identifying ways to avoid hydraulic issues that appear in high and low flow operating regions.
- Recognise the specific operational requirements that come with single or double seals, anti-friction bearings and sleeve-type bearings. This is addressed by outlining the requirements when specifying and operating seal system and lube oil systems.
- Appreciating the methods available to protect the machinery and identify faults before they result in a catastrophic failure. This is addressed by highlighting the mechanisms in place with ancillary support systems as well as instrumentation available which can detect mechanical faults.