



ASIA TURBOMACHINERY & PUMP SYMPOSIUM
7-9 APRIL 2020 | MALAYSIA | KUALA LUMPUR CONVENTION CENTER

DO YOU HAVE
MACHINERY KNOWLEDGE TO SHARE?

ANSWER THE ATPS 2020

CALL FOR **PAPERS**

PETROCHEMICAL | OIL REFINING | OIL & GAS | UTILITY | POWER | RELATED INDUSTRIES



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SUBMISSION CATEGORIES

GENERAL GUIDELINES

Papers must be free of commercialism. References to commercial products, trade names, and manufacturing companies must be avoided. Be mindful of who your audience is: the end user. Previously published works will not be accepted. Submissions should have been factory or field tested and share practical – not only theoretical – information.

Lecture: A Lecture is a presentation of a technical paper detailing innovative turbomachinery or reciprocating compressor technology or methodology. The work should clearly state the advantage/impact on operational equipment for the practicing engineer. A lecture presentation is 45 minutes long consisting of 30 to 40 minutes of presentation reserving at least 5 minutes for questions and discussion. The lecture paper will be published as a part of the proceedings. End user participation in the lecture is encouraged.

Tutorial: A Tutorial is a mini short course/workshop presenting a specific technical topic. It is a teaching process directed at the practicing engineer. Presenters are encouraged to bring in equipment for hands-on instruction. Tutorials are allocated 90 minutes and consist of 70 to 80 minutes of presentation reserving at least 10 minutes for questions and discussion. Authors are required to create a tutorial paper and presentation. The tutorial paper will be published as a part of the proceedings.

Case Study: A Case Study is a short informational presentation describing the successful implementation of established technology or methodology to solve a real-world problem. Case studies concisely relate a Problem, its Solutions, and the Lessons Learned. Each invited case study is allocated 20 minutes and consists of up to 15 minutes for the presentation reserving at least 5 minutes for questions and discussion. End user participation in the case study is strongly encouraged. The case study will be published as a part of the proceedings in pdf format.

Short Course: A Short Course is a full-day training session presented concurrently with other short courses on the first day of the Symposium. Short Courses run from 0830 hours to 1700 hours with a 75-minute luncheon and two 30-minute breaks. The short course presentation will be distributed as a pdf file and hard copy to the registrants of the short course only.

Technical Brief: A technical brief is a short length communication describing advances in a specific topic or issue. Unlike a Case Study (CS), the technical brief aims to showcase relevant information related to (measured) improvements in performance, predictions of system behavior, etc. (not necessarily associated to resolving an actual machine operational issue). The Technical Brief will be scheduled with a presentation time of 25 minutes, plus 5 minutes for Q/A.

AREAS OF INTEREST

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

ROTATING EQUIPMENT IN INDUSTRY

Upstream, Midstream, Downstream, & Petrochemical,
Power Generation, including IPP,
Air Separation,
Unconventional, and
Water – clean & wastewater.

VARIOUS ROTATING EQUIPMENT CLASSES

Electric and prime mover drivers
All driven types, and
All auxiliaries and controls, e.g., VSDs

FLUID TYPES

Compressible (compressors),
Incompressible (pumps),
Two-Phase, and
Super-critical.

ENGINEERING/ DESIGN PRACTICES AND STANDARDS

Project Cost and Schedule Reduction,
Product Development (with field application), and
Multi-Disciplinary Optimization

OPERATIONAL CONSIDERATIONS

Maintenance & Reliability – especially predictive analytics,
IIoT, and AI methods,
Life-Cycle Optimization (process & rotating equipment), and
S/U through decommissioning.

MANUFACTURING TECHNOLOGY AND DEVELOPMENT,

Additive Manufacturing,
Quality Assurance,

EDUCATION

Networking,
Academic,
Learning Organization, and
Professional development.

Special preference will be given to topics related to:

Simultaneous Optimization of Production & Rotating Equipment Life-Cycle
Maintenance & Reliability – especially using predictive analytics and AI methods

THE SUBMISSION PROCESS

ROUND 1: ABSTRACTS

MARCH 2019

Call for papers is opened.

JUNE 2019

Abstracts, 1-3 pages in length, are due **Monday, 3 June 2019**. Include as much detail regarding what you intend to present in your final paper. Which type you intend to submit (lecture, tutorial, case study, short course) should be written in the abstract, preferably in the title as such, "Tutorial: Title...", but is not required.

JULY 2019

The committees meet in November of each year to review the abstracts and choose which topics seem most applicable to ATPS for the manuscript round.

AUGUST 2019

Authors will be notified by August whether their abstract has been accepted to the manuscript round. A monitor will be assigned to each author at this time to help in the next stages of submittal, and to guide the author to ensure each paper or presentation fits within the parameters required at ATPS. Letters will include constructive criticism from the committees and indicate which session type (lecture, tutorial, case study, etc.) they would like to see as a manuscript.

ROUND 2: MANUSCRIPTS

OCTOBER 2019

Of the abstracts selected by the committee, a written manuscript (for Lectures and Tutorials) or a PowerPoint presentation (Case Studies) will be required from authors by **Wednesday, 9 October 2019**. Manuscripts must fit Turbo Lab guidelines and be approved by the author's monitor before they are submitted to the Turbo Lab. Guidelines can be found here: atps.tamu.edu/program/. Templates, when available, will also be found at that link. At this point, the paper or presentation should be as close to a final product as possible, since the next deadline for final publication will be within a narrow window.

NOVEMBER 2019

The committees will meet in mid-November to decide which manuscripts will be presented and published at the symposium.

DECEMBER 2019

Decision letters from the committee meetings will be sent to authors in early December. This letter will provide the final decision of publication at the symposium.

JANUARY 2020

Final, monitor-approved submissions are due **Monday, 20 January 2020**. Copyright questions can be referred to ashton@turbo-lab.tamu.edu

APRIL 2020

The third biennial Asia Turbomachinery & Pump Symposium (ATPS 2020) is set for **7-9 April 2020**. Short courses, held in conjunction with the symposium, are set for **6 April 2020**.



FOR FULL GUIDELINES AND TO
SUBMIT AN ABSTRACT VISIT:
[ATPS.TAMU.EDU/PROGRAM](https://atps.tamu.edu/program)

Files will be accepted in Adobe Acrobat PDF only,
Faxed or mailed submissions will not be accepted.

**Questions? Contact Ashton Drollinger at
ashton@turbo-lab.tamu.edu or 979-458-2808.**

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