

CALL FOR PAPERS

30th Symposium on Fluid Machinery

ASME 2018 Fluids Engineering Division Summer Meeting Le Centre Sheraton Montreal, Montreal, Quebec, Canada July 15-20, 2018

https://www.asme.org/events/fedsm

The Symposium on Fluid Machinery is sponsored by the Fluid Applications and Systems Technical Committee (FASTC) of the ASME Fluids Engineering Division to promote discussion on current interests related to all types of Fluid Machinery. **Please, select 'FASTC' as track and '3-11 Fluid Machinery' as symposium/forum for abstract submission.**

PURPOSE

The objective of the symposium is to provide an opportunity to the engineers and scientists from industry, academia and national laboratories involved in research and development in the area of fluid machinery to discuss their current work. It is encouraged to present the work in progress with short lead time and promote discussion of the problems encountered.

SCOPE

The symposium will include papers dealing with different areas of fluid handling machinery such as, but not limited to, design methods, theoretical analysis, experiments, performance characteristics, off-design performance, scaling, NPSH, V/L, etc. The types of machinery which could be included are various types of compressors, pumps, fans, turbines, transmissions, etc., and also specific sections such as inlet, guide vanes, scrolls, gates, diffusers, nozzles, valves, seals, etc.

SELECTION OF PAPERS

Prospective authors are requested to submit an abstract via the web tool available at the conference website (https://www.asme.org/events/fedsm). Paper selection will be based on the relevance to the theme, conformance to the standards of the ASME, and on the availability of space in the session. The recommended final paper including figures is less than 12 pages and it will be reviewed before publication. Papers shall be submitted per the ASME conference paper template from the web page. Final papers will be available on CD-ROM at the meeting.

SCHEDULE

Submission of Abstract for Review: Abstract Acceptance Notification: Dec. 15, 2017 (Check the extention)

Dec. 22, 2017

ORGANIZING COMMITTEE

Lead Organizer:

Prof. Kwang-Yong Kim, Dept. of Mechanical Engr., Inha University, Incheon, Korea, kykim@inha.ac.kr Organizers:

Dr. Kumar Rohatgi, Brook Heaven National Lab., Long Island, NY, USA, Rohatgi@bnl.gov

Dr. Jinkook Lee, Eaton Aerospace, Cleveland, Ohio, USA, JinkookLee@Eaton.com

Dr. Hans-Josef Dohmen, Chair for Turbomachinery, Univ. of Duisburg Essen, Duisburg, Germany, hans-josef.dohmen@uni-due.de

Prof. Yoshinobu Tsujimoto, Engineering Science, Osaka Univ., Osaka, Japan, tujimoto@me.es.osaka-u.ac.jp

Prof. Shouqi Yuan, Research Center of Fluid Mach. and Engr. Tech., Jiangsu Univ., Jiangsu, Zhenjiang, China, shouqiy@ujs.edu.cn

Prof. Yangjun Zhang, Dept. of Automotive Engineering, Tsinghua Univ., Beijing, China, yjzhang@tsinghua.edu.cn

Prof. Young Seok Choi, Korea Institute of Industrial Technology, Cheonan, Korea, yschoi@kitech.re.kr