

**Focus Sessions in Hydrodynamics on  
*Flow-Induced Vibrations: FIV and VIV*  
First CALL FOR PAPERS**

Flow-Induced Vibration (FIV) and Vortex-Induced Vibration (VIV) have been very important issues in real-life engineering design of factory towers and tall buildings in wind, aircraft wing, and more. In offshore, ocean and marine environment, designers as well as operators of floating or fixed structures of slender and bluff bodies face similar issues such as:

Riser Dynamics: Single and Multiple Cylinders  
Free-spanning Pipelines and Steel-lazy-wave risers  
Riser VIV Coupling with Motion of Floating Structure  
Cables and Umbilical Dynamics  
Vibration: Floating Structures, Wind Turbine Structures, Rotating Cylinder, Cylinder with Attachments  
Wall Interferences, Free-surface Influence and End Effect.  
Efficient and Reliable Numerical and Experimental Methods for FIV and VIV  
Flow-Induced Motions (FIM) of Offshore Floating Bodies  
Vortex-Induced Motions (VIM) and Galloping  
Vortex-Induced Vibration (VIV) on Slender and Bluff Bodies  
Vortex-Shedding Suppression Methods and Efficiency  
Transverse and Torsional Galloping (e.g., Riser Tower)  
Torsional Moment and Pipe Torsion, Torsional Vibration  
Vortex Shedding and Fluid Properties

You are welcome to the sessions to present your own findings, and discuss with colleagues from academia and industry from around the world. All together we learn more about slender and bluff-body flow-induced vibrations' negative and positive consequences on the structures. The culture of the focus sessions is to vigorously discuss all presentations and thus promote scientific exchange as part of the Annual ISOPE conference with more than 1,000 participants each year: <http://www.isopec.org/index.php/conferences-symposia-and-workshops/>.

ISOPE and the Focus Session Organizing Committee invite colleagues to join the focus sessions on *Flow-Induced Vibration (FIV) and Vortex-Induced Vibration (VIV)* in Shanghai, China.

*Special ISOPE room rates start from \$110 and up.*

<b>Key Dates</b>	Abstract Submission <b>October 20, 2019</b>	Manuscript for Review January 15, 2020	Final Manuscript due March 24, 2020
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Submit online <http://www.isopec.org/index.php/online-submission/>

General topic: **Hydrodynamics**; Specific Topics, Primary: **61. Vortex & Vibration**

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