

Start time	Tuesday, 5th			
8h30	Authors breakfast - The authors delivering a speech on Tuesday are invited to meet their chairman in order to have their presentations ready.			
9h00	Registration and breakfast			
9h30	A word of welcome			
10h00	S. Candel, French Academy of Science			
10h30	Break			
11h00	Chair: M. Hassan		Chair: L. Baranyi	
	BB1	Dimensioning of a solar tracker torque tube for torsional galloping, Martínez García E., Parrondo Gayo J., Blanco Marigorta E., Navarro Manso A.	AL1	Impact of the nozzle geometry on the aeroelastic instability of a plate subjected to an air jet, Tatin A., Cluzel X., Mourlot Y., Hémon P., Ramananarivo S.
	BB4	Study of the oscillation process and the wake resulting from the accelerated flow over two free-to-rotate tandem cylinders and the effect of a perturbation applied on the flow, Habowski P., Fiorot G., Neumeister R., Möller S.	FSI-AL2	The Effects of a Passive Tail on Escape Performance in a Robotic Fast-Start Fish Capable of Rapid Underwater Locomotion, Currier T., Modarres-Sadeghi Y.
	BB2	Flow-induced vibration of a circular cylinder transverse to oscillatory flow at a high Keulegan-Carpenter number, Dorogi D., Baranyi L., Konstantinidis E.	FSI-AL1	Quantitative Flow Imaging Approach to Unsteady Loading on High-Inertia Oscillating Foils, Oshkai P., Lee W., Iverson D., Rahimpour M.
	BB6	Vortex-induced vibration of a circular cylinder subjected to low-Keulegan-Carpenter-number oscillatory flow, Dorogi D.	FV1	Simultaneous control rod 3D displacement and 3D flow measurements via time resolved 3D3C PTV with one camera only, Fichet V., Daoudi M., Zimmer L.
12h30	Lunch			
14h00	Vibration in steam generators - Prof. M. Hassan , Guelph University			
15h00	Break			
15h30	Chair: P. Hémon		Chair: M. Hirschberg	
	TV3	Flow-induced vibrations of a flexibly mounted cylinder in the proximity of a stationary parallel cylinder, Riazat M., Kheiri M., Vermeire B.C.	FSI3	Developing numerical methods for predicting flow-induced underwater radiated noise from ships, Mcintyre D., Oshkai P.
	TV6	GO-VIKING: a HORIZON europe project on flow-induced vibrations, Zwijsen K., Papukchiev A., Vivaldi D., Hadzic H., Benhamadouche S., Benguigui W., Planquart P.	FSI2	Articulated beam behaviour under grazing flow, Abily T., Humbert T., Aurégan Y.
	TV8	Numerical prediction of Axial-Flow-Induced Vibrations in nuclear fuel rod, Salachna J., Cioncolini A., Iacovides H.	FSI1	A Perforated Plate Solution to Mitigate Relief Valve Piping Vibration due to Flow-Excited Acoustic Resonance, Pontaza J., Menon R.
	CF2	Passive control of the turbulent flow past a finite circular cylinder fitted with eight peripheral rods, Carvalho I., Assi G.	FSI4	Direct measurements of the dynamic lift force acting on rectangular rods in cross-flow during acoustic resonance excitation, Shoukry A., Mohany A.
	CF1	Experimental investigation on the optimal control of vortex shedding of a circular cylinder with rotating rods at moderate Reynolds numbers, Silva P., Assi G.	FSI9	Using flow to control the damping of a resonant duct, Humbert T., Aurégan Y.
17h30	End of the day			

Start time	Wednesday, 6th			
8h30	Authors breakfast - The authors delivering a speech on Wednesday are invited to meet their chairman in order to have their presentations ready.			
9h00	Chair: S. Möller		Chair: C. Habchi	
	TA4	On the stability of the rotated square array in two-phase flow using the quasi-steady model, Darwish S., Mureithi N., Cho M.	CFD5	FSI simulations of fluid-elastic instabilities of a clamped-clamped cylinder in axial flow, Delcour L., Van Langehove L., Degroote J.
	TA1	A new criterion for the instability threshold of a square tube bundle subject to an air-water cross-flow, Lagrange R., Panunzio D., Piteau P., Delaune X., Antunes J.	CFD2	A practical approach to using CFD as an early design tool for estimating aerodynamic force coefficients of bridge decks, Duranovic M., Dempsey T., Meskell C.
	TA5	Theoretical and experimental study on the fluidelastic instability of rod bundle subjected to jet cross-flow, Gadelhak I., Mureithi N., Karazis K.	CFD3	CFD analysis of two-phase flow induced forces on a test flow loop, Emmerson P., Lewis M., Barton N.
	BB3	Influence of a control wire on vortex shedding from side-by-side cylinders, Hammad O., Mohany A.	CFD1	A discrete forcing method to solve hyperelastic deformation induced by two-phase flow, Merigoux N., Benguigui W., Baraglia F.
	BB5	Unsteady wall pressure measurements on a full scale flexible chimney subject to natural wind, Manal Y., Hémon P.	CFD7	Multi-scale methodology for the large eddy simulation of steam control valves, Galpin J., Amice B., Goreaud N., Leconte G., Joly A., Moussou P., Glau A.
11h00	Break			
11h30	The way of the SDOF – A tribute to R. J. Gibert,			
12h30	Lunch			
14h00	Smart morphing and sensing for aeronautical configurations - Prof. M. Braza , Institut de Mécanique des Fluides de Toulouse			
15h00	Break			
15h30	Chair: J. Antunes		Chair: P. Oshkai	
	SM2	Wind Energy Harvesting from Flow-Induced Vibration of Prisms Using Magnetostrictive Material, Heragy M., Kiwata T., Shima T., Kono T., Hamano T., Ueno T., Ekmekci A.	FSI5	Flow structure, dynamic lift force, and aeroacoustic response of finned cylinders in cross-flow, Alziadeh M., Mohany A.
	SM1	Pressure Driven Soft Vortex Generator, Khanjian A., Habchi C., Russeil S., Bougeard D., Lemenand T.	FSI6	Flow-induced tones in a deep periodic cavity, Golliard J., Aurégan Y.
	TV5	Fluid structure interaction in a pressure vessel: turbulent forcing, Kocher M., Moussou P., Panunzio D., Lagrange R., Joly A.	FSI7	On broad-band noise of thick square-edged orifices in water-pipe flow, Kottapalli S., Hirschberg A., Waterson N., Smeulders D., Nakiboglu G.
	TV4	Fluid structure interaction in a pressure vessel: a multipole approach for acoustic analysis, Moussou P., Kocher M., Panunzio D., Lagrange R., Joly A.	FS8	The aeroacoustics repsonse of cylindrical cavities in confined flow, Hanna M., Mohany A.
17h10	End of the day			
19h30	Conference dinner			

Start time	Thursday, 7th			
8h30	Authors breakfast - The authors delivering a speech on Thursday are invited to meet their chairman in order to have their presentations ready.			
9h00	Chair: G. Assi		Chair: A. Mohany	
	TV1	Aspects of vortex-induced in-line vibration at low Reynolds numbers, Konstantinidis E., Dorogi D., Baranyi L.	AF1	Aeroelastic effects in a planar flat blade cascade at high Mach number flow, Šidlof P., Šimurda D., Lepicovsky J., Štěpán M., Vomáčko V.
	TV9	Numerical simulation of cantilever cylinders in cross-flow: participation to the OECD/NEA fluid-structure interaction benchmark, Zwijssen K., Hussain M., Roelofs F., Van Zuijlen A.	CFD6	Modelling vortex induced vibrations in a model of the northern spire bridge, Duranovic M., Dempsey T., Meskell C.
	TV8	Numerical simulations of experimental fluid-induced vibrations of cylinders in cross-flow, Vivaldi D., Ricciardi G.	MF6	Two-phase flow induced vibration in a tube bundle of steam generators, Fichet V., Khaddaj Mallat B., Mourgues A., Moulin J., Andrzejewski Q.
	TV7	In wind tunnel simulation of vortex shedding behind circular cylinders at high reynolds number regimes is incomplete, Hémon P., Ellingsen O., Amandolese X.	MF2	Experimental investigation of void fraction distribution behind a cylinder, Benguigui W., Pinto C., Ries O.
	TV2	Experimental investigation of vortex-induced vibrations of a circular cylinder under rotary oscillations, Schmider A., Kerherve F., Cordier L., Spohn A.	MF1	A new experimental facility for two phase flow characterization in a tube bundle and vibration study, Spina G., Vivaldi D., Brillant G., Colin C., Benguigui W., Denèfle R., Lelong M.
11h00	Break			
11h30	Damping in fluids and structures - Dr. H. G. D. Goyder , Cranfield University			
12h30	Lunch			
14h00	Free afternoon, with optional tourist tours - The local committee will be pleased to assist attendees in visiting famous and less known places around Paris.			

Start time	Friday, 8th			
8h30	Authors breakfast - The authors delivering a speech on Friday are invited to meet their chairman in order to have their presentations ready.			
9h00	Uses of potential flow solutions in fluid-structure interaction - Prof. Ch. Eloy , IRPHE Marseilles			
10h00	Break			
10h30	Chair: C. Habchi		Chair: P. Šidlof	
	MF4	High pressure multiphase induced vibrations: influence of pipe orientation, Belfroid S., Gonzalez-Diez N., Lunde K., Orre S.	BIO1	Mitigating jet cross-flow induced vibrations using a bio-inspired nozzle, Gadelhak I, Mureithi N., Karazis K.
	MF5	Periodic Wake Shedding of Tube Bundles Subjected to Two-Phase Cross Flow, Taylor C., Pettigrew M.	BIO2	Self-Oscillating Hydrogel-Based Vocal Fold Models for Voice Production Research, Thomson S., Greenwood T.
	MF3	Forces and displacements in a bend subjected to an air-water flow, De Moerloose L., De Paepe M., Degroote J.	TA2	Experimental investigation of cross-flow fluidelastic instability for rotated triangular tube bundles subjected to single-phase and two-phase transverse flows, Panunzio D., Lagrange R., Piteau P., Delaune X., Antunes J.
	DSS1	Development of an efficient calculation technique for dynamics of mooring lines by using discrete forms of rotation, Hara K., Shimojima K., Yamaguchi T.	TA3	Experimental investigation of in-flow fluidelastic instability for rotated triangular tube bundles subjected to single-phase and two-phase transverse flows, Antunes J., Piteau P., Delaune X., Panunzio D., Lagrange R.
	DSS2	Performance of a Closed Cycle Power Take Off for Mutriku breakwater, Bellec M., Gurhy C., Gibson L., Meskell C.	TA6	Transient vibration phenomenon due to passing of gap vortex street in FSI simulation of tube bundle with eccentricity, Dolfen H., Degroote J.
12h30	Lunch			
14h00	Chair: G. Assi		Chair:	
	BB8	Wake induced vibration in tandem cylinders: part 1- wake perturbation analysis, Neumeister R., Ost A., Habowski P., De Paula A., Petry A., Möller S.	AF2	Axial flow damping investigation by means of 2D CFD, Berland J., Corre S., Joly A., Martin A.,Moussou P.
	BB9	Wake induced vibration in tandem cylinders: part 2 - hilbert-huang spectral analysis, Ost A., Neumeister R., Petry A., Möller S.	AF3	Dynamics of cantilevered pipes conveying fluid and subjected to reverse annular external flow: experimental investigation of the influence of external flow confinement, Chehrehghani M., Shaaban A., Misra A., Paidoussis M.
	BB7	Vortex-Induced Vibrations of a One-Degree-of-Freedom Cylinder Transitioning from the Inline to the Crossflow Direction, Benner B., Modarres-Sadeghi Y.	CFD4	Dynamic response of a cantilevered pipe aspirating fluid and subjected to reverse confined external flow: a computational coupled two-way fluid-structure interaction analysis, Daneshmand F., Liaghat T., Paidoussis M.
16h00	End of the congress			

TA : Tube Arrays

TV : Turbulence, vortex and wave-induced vibrations

BB : Bluff bodies Bluff body/near-wake interactions

FSI : Flow-sound interaction

AF : Axial Flows and thin shells

AL ; Annular and leakage flow

DSS : Dynamics of submerged structures

BIO : Bio-mechanical FSI

FSI-AL: Fluid-structure interactions of animal locomotion

Multi : Multiphase

CFD techniques

FV : Flow visualization

SM : Smart materials in FSI/FIV

CF : Control of FIV and noise