

7. 26.(Sun.)

Meeting	12:00~15:00	ASME 2015 Executive Committee Meeting (Invitation Only) [300]
Meeting	15:00~16:30	ASME Executive Committee Meeting with TC Chairs and Vice Chairs [300] / Registration 16:00 ~ 18:00
Meeting	16:30~18:00	ASME Towne Hall Meeting [300]
Welcome Reception	18:30~20:00	Welcome Reception [InterContinental Hotel]

7. 27.(Mon.)

Session Room	R1 [307A]	R2 [307B]	R3 [307C]	R4 [308A]	R5 [308B]	R6 [308C]	R7 [317A]	R8 [317B]	R9 [317C]	R10 [318A]	R11 [318B]	R12 [318C]
Registration	8:00~ Registration											
Opening	8:30~9:00 Opening Ceremony [401]											
Plenary	9:00~10:00 Plenary (A): Shapour Azarm (University of Maryland) [401] - Chair: Jinkook Lee											
Break	10:00~10:30 Coffee Break											
Session	S19-1 Multiphase Flow Forum 1	S18-1 Microfluidics Summer Forum 1	S30-1 Gas-Liquid Two-Phase Flows 1	S33-1 Axial turbomachines	S02-1 Turbo-Simulation I	S04-1 Flapping Flight	S14-1 Control application	S20-1 Flow Velocity and Pressure measurements	S31-1 Liquid-Solids Flows I	S03-1 Symposium on Applications in CFD 1	S06 Symposium on CFD Verification and Validation	JSME Award-1
Chairs	Chairs: Kenji Kaboh, Gilun Son	Chairs: Simon Song, Sehyun Shin	Chairs: Tetsuya Kanagawa	Chairs: Bruno Schiavello, Yoshinobu Tsujimoto □	Chairs: Ki-Han Kim, Chunil Hah	Chair: Javid Bayandor	Chair: Koji Fukagata	Chair: Ichiro Kumagai	Chairs: Joon Sang Lee, Vaclav Matousek	Chairs: Yassin Hassan	Chairs: Seongwon Kang, Wam-Kyu Park	Chair: JSME
	19620	18033 (Invited)	30626	33818 (Invited)	02403	04819 (Invited)	14637	20169	31800 (Invited)	03814	06426	16728
	19525		30524		02174		14179	20165		03742	06361	16197
	19427	18241	30406	33787	02777	04505	14196	20544	31483	03042	06342	02352
	19467	18266	30121	33010	02539	04424	14481	20189	31322	03027	06263	02174
	19561	18081	30720	33469	02774	04364	14321	20242	31307	03721	06153	10244
			30208	33499				20700	31238	03701		13489
Lunch	12:30~14:00 Luncheon Lecture (K): Ho-Young Kim (Seoul National University) [401]- Chair: Han Seo Ko											
Session	S19-2 Multiphase Flow Forum 2	S18-2 Microfluidics Summer Forum 2	S30-2 Gas-liquid two-Phase Flows 2 S11 Fluid Power	S33-2 Axial and mixed flow pumps	S02-2 Turbo-Optimization	S04-2 Unsteady Locomotion	S14-2 Drag reduction	S20-2 Flow Visualization		S03-2 Symposium on Applications in CFD 2		JSME Award-2
Chairs	Chairs: Kazuhiro Itoh, Seungwon Shin	Chairs: Jinkee Lee, Wonjung Kim	Chairs: Stefan aus der Wiesche, Ashraf Al Alam	Chairs: Giancarlo Ciatelli, Shouqi Yuan	Chairs: Yu-Tai Lee, Hiroyoshi Watanabe	Chairs: Hyoungmin Park, Rolf Müller	Chair: Norimasa Miyagi	Chair: Sang Joon Lee		Chair: Heuy-Dong Kim		Chair: JSME
	19199	18107	30114	33658	02248	04699	14645	20350		03590		18556
	19157	18178	30031	33490	02756	04547	14365	20349		03584		22704
	19392	18663	31221	33053	02115	04362	14319	20652		03571		24726
	19073	18631	11456	33118	02772	04164	14730	20804		03555		32390
		18138	11568	33438	02249	04536	14139					30406
			11573	33762			14090					
Break	16:00~16:30 Coffee Break											
Plenary	16:30~17:30 Plenary (J): Shinji Honami (Tokyo University of Science) [401] - Chair: Takeo Kajishima											
Invited	18:00~19:00 AJK Executive Meeting / ASME FMTC Meeting [314A,B]											

7. 28.(Tue.)

Session Room	R1 [307A]	R2 [307B]	R3 [307C]	R4 [308A]	R5 [308B]	R6 [308C]	R7 [317A]	R8 [317B]	R9 [317C]	R10 [318A]	R11 [318B]	R12 [318C]
Registration	8:00~											
Registration												
Plenary	9:00~10:00											
Plenary (K): Joon Sik Lee (Seoul National University)[401] - Chair: Haecheon Choi												
Break	10:00~10:30											
<i>Coffee Break</i>												
Session	10:30~12:30	S09-1 Pump 1	S18-3 Microfluidics Summer Forum 3	S30-3 Gas-Liquid Two- Phase Flows 3 S04-3 Biomedical Trends	S33-3 Pump design	S02-3 Turbo-Design		S14-3 Flow control	S26-1 Respiratory Flows	S31-2 Liquid-Solids Flows II	S03-3 Symposium on Applications in CFD 3	S29-1 Symposium on Algorithms and Applications for High Performance CFD Computation 1
Chairs		Chairs: Hans-Josef Dohmen, Kyung-Yup Kim	Chair: Simon Song	Chairs: Moongeun Hong, Jinkee Lee	Chairs: Akira Goto, Giancarlo Ciatelli	Chairs: Hiroyoshi Watanabe, Sungho Ko		Chair: Masahiro Motosuke	Chairs: Eun Bo Shim, Marie Oshima	Chairs: Shusaku Harada, Joon Sang Lee	Chair: Gwang Hoon Rhee	Chairs: Ning Zhang, Ken Uzawa, Jungwoo Kim
		09727 (Invited)	18080	30439	33036	02043		14712	26569	31217	03535	29466 (Invited)
			18682	30270	33085	02745		14077	26371	31129	03517	
		09436	18522	30188	33233	02616		14711	26336	31128	03510	29634
		09281	18605	30095	33419	02352		14076	26696	31102	03502	29253
		09275	18254	04173	33379	02402		14588	26257	31092	03478	29748
		09754	18276	04688	33780				26803			
Lunch	12:30~14:00											
Luncheon Lecture (A): Promode Bandyopadhyay (Naval Undersea Warfare Center)[401] - Chair: Yu-Tai Lee												
Session	14:00~16:00	S09-2 Pump 2		S30-4 Gas-Liquid Two- Phase Flows 4	S33-4 Flow instabilities	S02-4 Turbo-Simulation II		S14-4 Plasma actuator	S04-4 Sensing and Functionality	S23-1 Symposium on Transport Phenomena in Materials Processing and Manufacturing Processes 1	S03-4 Symposium on Applications in CFD 4	S25-1 Wall-bounded flows
Chairs		Chairs: Satoshi Watanabe, Young-Ho Lee		Chairs: Shigeo Hosokawa, Hyungmin Park	Chairs: Yoshinobu Tsujimoto, Mikhail Strongin	Chairs: Chunil Hah, Sungho Ko		Chair: Takashi Matsuno	Chair: Haecheon Choi	Chairs: Roop L Mahajan, Junyoung Park	Chairs: Joon Ahn	Chair: Kyoungyou Kim
		09612		30689	33501	02272		14213		23783 (Invited)	03448	25596
		09205		30650	33444	02485		14437	04680 (Invited)	23741	03408	25474
		09203		30119	33445	02758		14212	04518	23741	03378	25473
		09186		30509	33760	02388		14354	04731	23735	03370	25431
		09158		30176	33366	02061		14151	04278	23722	03316	25340
		09054			33110			14099				
Break	16:00~16:30											
<i>Coffee Break</i>												
Keynote	16:30~17:30											
Keynote Lecture (J): Koji Fukagata (Keio University)[401] - Chair: Masa Takei												
Meeting	18:00~19:00											
ASME FMTC Meeting [314A,B]												
Meeting	19:00~20:00											
ASME FASTC Meeting [314A,B]												
Meeting	20:00~21:00											
ASME MFTC Meeting [314A,B]												

7. 29. (Wed.)

Session Room		R1 [307A]	R2 [307B]	R3 [307C]	R4 [308A]	R5 [308B]	R6 [308C]	R7 [317A]	R8 [317B]	R9 [317C]	R10 [318A]	R11 [318B]	R12 [318C]
Registration	8:00~	Registration											
Meeting	8:00~9:00	ASME H&A Cmte Meeting / ASME GSSC Cmte Meeting [314A,B]											
Keynote	9:00~10:00	Keynote Lecture (A): Paul Durbin (Iowa State University)[401] - Chair: George Papadopoulos											
Break	10:00~10:30	<i>Coffee Break</i>											
Session	10:30~12:30	S09-3 Compressor	S18-4 Microfluidics Summer Forum 4	S08-1 Symposium on DNS, LES, and Hybrid RANS/LES Methods 1	S33-5 Unsteady flows	S16-1 Industrial Flows 1	S04-5 Propulsion and Stability	S14-5 Structure	S26-2 Biomedical Device Flows	S23-2 Symposium on Transport Phenomena in Materials Processing and Manufacturing Processes 2	S03-5 Symposium on Applications in CFD 5	S25-2 Jet, tornadic and homogeneous flows	
	Chairs	Chairs: Yangjun Zhang, Ken-ichi Funazaki	Chair: Sangyup Lee	Chair: Jungil Lee	Chairs: Chisachi Kato, Paul Uwe Thamsen	Chair: Kamran Nazir	Chair: Rolf Müller	Chairs: Hyung Jin Sung, Hitoshi Ishikawa	Chairs: Keith Walters, Eun Bo Shim	Chair: Roop L Mahajan	Chair: Man Yeong Ha	Chair: Yasuo Kawaguchi	
		09693	18252	08219 (Invited)	33353	16607	04357 (Invited)	14594	26404	23582	03283	25816	
		09649	18556		33292	16197		14086	26381	23398	03247	25815	
		09282	18098	08511	33495	16458	04592	14464	26296	23356	03228	25625	
		09277	18184	08143	33417	16450	04425	14039	26293	23586	03227	25598	
		09267	18279	08642	33785	16728	04705	14074	26382		03223	25482	
		09168	18497	08224				14440			03210		
Lunch	12:30~14:00	<i>Lunch</i>											
Session	14:00~16:00	S09-4 Fan and Blower 1	S07 Symposium on Development and Applications of Immersed Boundary Methods	S08-2 Symposium on DNS, LES, and Hybrid RANS/LES Methods 2 S29-2 Symposium on Algorithms and Applications for High Performance CFD Computation 2	S33-6 Fluid forces and vibrations	S16-2 Industrial Flow 2	S05-1 Cavitation 1		S26-3 Complex Biological Flows			S25-3 Viscoelastic fluids	
	Chairs	Chairs: Ken-ichi Funazaki, Choon-Man Jang	Chairs: Takeo Kajishima, Hyun Sik Yoon	Chairs: Hiromichi Kobayashi, Ning Zhang, Ken Uzawa	Chairs: Hans-Josef Dohmen, Young Seok Choi	Chair: Kamran Nazir	Chairs: William Straka, Hyungmin Park, Jules Lindau		Chairs: Xiao Wang, Keith Walters			Chair: Kamran Siddiqui	
		09503	07678	08274	33493	16706	05808		26657			25817 (Invited)	
		09494	07513	08740	33468	16290	05599		26655				
		09487	07334	08358	33515	16320	05532		26609			25251	
		09477	07325	29719	33779	16751	05531		26372			25079	
		09348	07068	29581	33423		05507					25057	
		09194		03135									
Break	16:00~16:30	<i>Coffee Break</i>											
Keynote	16:30~17:30	Keynote Lecture (K): Hyung Jin Sung (KAIST)[401] - Chair: Yeon Won Lee											
Banquet	18:00~20:30	Banquet [InterContinental Hotel]											

7. 30. (Thu.)

Session Room		R1 [307A]	R2 [307B]	R3 [307C]	R4 [308A]	R5 [308B]	R6 [308C]	R7 [317A]	R8 [317B]	R9 [317C]	R10 [318A]	R11 [318B]	R12 [318C]
Registration	8:00~	Registration											
Session	8:30~10:30	S09-5 Heat Transfer	S22-1 Symposium on Transport Phenomena in Energy Conversion from Clean and Sustainable Resources 1	S08-3 Symposium on DNS, LES, and Hybrid RANS/LES Methods 3 S16-3 Industrial Flow 3	S33-7 Pump sump and etc.		S05-2 Cavitation 2	S17 Vehicle Aerodynamics Stability	S15-1 Symposium on Fundamental Issues and Perspectives in Fluid Mechanics 1	S32-1 International Symposium on Gas- Particle Flows 1	S03-6 Symposium on Applications in CFD 6	S13-1 Aerodynamics and Acoustics	
	Chairs	Chairs: Youn-Jea Kim, Jae-Su Kwak	Chairs: Hidechito Hayashi, Man Yeong Ha, Khaled J. Hamad	Chairs: Jung Woo Kim, Kamran Nazir	Chairs: Takahide Nagahara, Stefan Berten		Chairs: Hyungmin Park, Hiroyuki Takahira, William Straka	Chairs: Makoto Tsubokura	Chairs: Narayanan Komerath, Ho-Young Kim	Chair: Lian-Ping Wang	Chairs: Il-Youp Sohn, Ramesh Agarwal	Chair: Ralf Deiterding	
		09805	22585	08309	33776		05488	17796	15718	32744	03105	13459	
		09770	22116	08037	33761		05470	17553	15669	32120	03103	13489	
		09618	22491	08245	33753		05346	17714	15542	32260	03096	13664	
		09604	22038	16644	33190		05123	17519	15538	32390	03062	13595	
		09602	22088	16508	33082			17360	15500	32387	03044		
			22087	16177				17255	15472	32111	03122		
Break	10:30~11:00	<i>Coffee Break</i>											

Session	11:00~13:00	S09-6 Optimization	S22-2 Symposium on Transport Phenomena in Energy Conversion from Clean and Sustainable Resources 2	S01 Models, Methods and Technologies in Fluid Engineering Education	S33-8 Cavitation & gas-liquid two-phase flows	S12-1 Symposium on Fluid-Structure Interaction and Flow-Induced Noise in Industrial Applications 1	S05-3 Droplets/Bubbles	S10-1 Forum on Fluid Measurements and Instrumentation 1	S15-2 Symposium on Fundamental Issues and Perspectives in Fluid Mechanics 2	S32-2 International Symposium on Gas-Particle Flows 2		S13-2 Flow Physics	
	Chairs	Chairs: Yoichi Kinoue, Jin-Hyuk Kim	Chairs: Toru Shigemitsu, Yutaka Hara, Khaled J. Hammad	Chairs: Cheol Woo Park, Ivana Millanovic	Chairs: Kwang-Yong Kim, Satoshi Watanabe	Chair: Seungwon Shin	Chairs: Hiroyuki Takahira, William Straka, Hyungmin Park	Chair: Simon Song	Chairs: Jung-Il Choi, Jian-Jun Shu	Chair: Toshitsugu Tanaka		Chair: Heuy-Dong Kim	
		09332	22704	01344	33368	12717	05778	10572 Invited	15451	32335		13140	
		09206	22161	01795	33420	12708	05737		15447	32703		13218	
		09041	22299	01648	33484	12677	05256	10660	15326	32327		13407	
		09034	22546	01794	33641	12675	05175	10591	15306	32638		13545	
			22239	01617			05550	10244	15294	32259		13684	
			22622	01793			05204		15413	32191		03060	
Lunch	13:00~14:30	Lunch											
Session	14:30~16:30	S09-7 General 1(CFD)	S28-1 Symposium on the Fluid Dynamics of Wind Energy 1	S24-1 Transport phenomena in Mixing 1	S33-9 Solid-liquid two-phase flows in pumps	S12-2 Symposium on Fluid-Structure Interaction and Flow-Induced Noise in Industrial Applications 2		S10-2 Forum on Fluid Measurements and Instrumentation 2	S15-3 Symposium on Fundamental Issues and Perspectives in Fluid Mechanics 3	S32-3 International Symposium on Gas-Particle Flows 3		S13-3 High and Low Re Unsteady Flows	
	Chairs	Chairs: H. Hayashi, Jin-Hyuk Kim	Chairs: Takahiro Kiwata	Chairs: George Papadopoulos, Toru Koso	Chairs: Christian Jacobsen, Martijn van der Schoot	Chair: Seungwon Shin		Chair: Judith Bamberger	Chair: Yang Na	Chair: Pascal Fede		Chair: Javid Bayandor	
		09574	28628	24229 (Invited)	33222	12653		10563	15288	32261		13802 (Invited)	
		09337	28790		33763	12613		10516	15269	32672			
		09166	28601	24465	33315	12603		10312	15145	32265		13347	
		09097	28792	24394	33214	12461		10310	15150	32268		13593	
		09159	28386	24726				10391	15232	32671		13075	
										32577			
Meeting	18:00~19:00	ASME MNFDTC Meeting [314A,B]											
Meeting	19:00~20:00	ASME CFDTC Meeting [314A,B]											
Meeting	20:00~21:00	ASME Executive Committee Meeting with TC Chairs and Vice Chairs [314A,B]											

7. 31. (Fri)

Session Room		R1 [307A]	R2 [307B]	R3 [307C]	R4 [308A]	R5 [308B]	R6 [308C]	R7 [317A]	R8 [317B]	R9 [317C]	R10 [318A]	R11 [318B]	R12 [318C]
Resitration	8:00~	Registration											
Session	8:30-10:30	S09-8 General 2	S28-2 Symposium on the Fluid Dynamics of Wind Energy 2	S24-2 Transport phenomena in Mixing II	S33-10 Etc. S27 Symposium on Uncertainty Quantification in Flow Measurements and Simulations	S12-3 Symposium on Fluid- Structure Interaction and Flow-Induced Noise in Industrial Applications 3	S05-4 Multiphase flow	S10-3 Forum on Fluid Measurements and Instrumentation 3	S15-4 Symposium on Fundamental Issues and Perspectives in Fluid Mechanics 4	S32-4 International Symposium on Gas- Particle Flows 4	S21-1 International Symposium on Numerical Methods for Multiphase Flow 1		S21-2 International Symposium on Numerical Methods for Multiphase Flow 2 S24-3 Transport phenomena in Mixing III
	Chairs	Chairs: Kwang-Yong Kim, Jin Taek Chung	Chairs: Takahiro Kiwata	Chairs: Yong Kweon Suh, Khaled J. Hammad	Chairs: Satoshi Watanabe, Narayanan Komerath	Chair: Jung Kyung Kim	Chairs: Hyungmin Park, Ivaylo Nedelkov, William Straka	Chair: Sejong Chun	Chairs: Masahiro Muraoka, David Sumner	Chair: Han Seo Ko	Chairs: Taehun Lee		Chairs: Jungil Lee, Kosuke Hayashi
		09806	28789	24032	33643	12314	05156	10147	15106	32414	21784		21100
		09614	28788	24725	33220	12250	05428	10137	15065	32339	21273		21048
		09351	28401	24647	33654	12058	05154	10101	15064	32384	21729		24554
		09146	28743	24432	33695	12385	05133	10093	15018	09287	21052		03305
		09771		24471	27575		05047		15011	09069	21668		
		09512		24422	27543						21692		
Break	10:30~10:40	<i>Coffee Break</i>											
Closing	10:40~11:10	Closing Ceremony [401]											