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August 17, Monday

Arrival, accomodation

August 18, Tuesday

	Blue hall	Beige hall	Green hall
09:15	**Registration**		
10:10	**Opening Ceremony**		
Chair	**Leonov S.B.**		
10:40	**Keynote lecture** (0K1) ***Egorov I.V. (Russia)*** BOUNDARY LAYER CONTROL FOR FRICTION DRAG REDUCTION		
11:25	**Coffee Break**		
		Section: B3/ I	**Section: C1**
Chair	**Golub V.**	**Fujisawa N.**	**Eremin A.**
11:40	**Invited lecture** (0i1) ***Molkov V. (UK)*** HYDROGEN NONREACTING AND REACTING JETS IN STAGNANT AIR: OVERVIEW AND STATE-OF-THE-ART	(151) ***Jaw Shenq-Yuh, Tsai Whey-Fone, and Hwang Robert R. (Taiwan)*** CINEMATOGRAPHIC ANALYSIS OF A SINGLE BUBBLE COLLAPSE FLOW INDUCED BY PRESSURE WAVE	(231) ***Iliyn S. (Russia)*** INVESTIGATION OF NONSTEADY COMBUSTION BY THE INTERFERENCE METHODS
12:00		(238) ***Ohmi Kazuo and Sapkota Achyut (Japan)*** ASSESSMENT OF FUZZY LOGIC BASED DATA VALIDATION TECHNIQUE FOR 3D PARTICLE TRACKING VELOCIMETRY	(227) ***Golovchenko N., Bayrakova O., and Aknazarov S. (Kazakhstan)*** FERROTUNGSTEN PRODUCTION FROM WOLFRAMITE CONCENTRATE BY ALUMINOTHERMAL METHOD

12:20	**Invited report** (318) ***Alekseenko S. V. and Markovich D. M. (Russia)*** DIGITAL IMAGING OF TWO-PHASE SHEAR FLOWS	(237) ***Ohmi Kazuo, Panday Sanjeeb Prasad and Joshi Basanta (Japan)*** DIGITAL HOLOGRAPHY BASED PARTICLE TRACKING VELOCIMETRY	(255) ***Emelianov A., Eremin A., Fortov V., Makeich A. (Russia) Jander H., and Deppe J. (Germany)*** EXPERIMENTAL STUDY OF FORMATION OF DETONATION WAVE DRIVEN BY CONDENSATION OF SUPERSATURATED CARBON VAPOR
	Section: A2		
Chair	**Golub V.**		
12:40	(515) ***Vinogradov A.I., Zaryankin N.M., Mihajlov Yu.A., Prokopiev E.P., and Timoshenkov S.P. (Rusia)*** OPTIMIZATION OF PROCESS PARAMETERS OF DEEP PLASMACHEMICAL ETCHING SILICON FOR MEMS ELEMENTS	(194) ***Zhitao Liu, Yubiao Jiang, and Yong Huang (China)*** EXPERIMENTAL RESEARCH ON UNSTEADY VORTEX SEPARATION AND CONTROL ABOUT A DELTA-WING-BODY COMBINATION	(228) ***Ivanov M., Kiverin A., and Galburt V. (Russia)*** HYDROGEN COMBUSTION REGIMES IN CONFINED VOLUME
13:00	**Lunch**		
Chair	**Egorov I.V.**		
14:30	**Special invited lecture** (0is) ***Nakayama Yasuki, Oki Makoto, Aoki Katsumi, and Yamagishi Yoichi (Japan)*** PROMOTION OF HEALTH BY WATER VEIL		

	Section: B11	Section: B8	Section: C8
Chair	**Egorov I.V.**	**Yamamoto K.**	**Molkov V.**
15:10	(155) ***Yoon Young Hwan, Paeng Jin Gi, and Kim Ki Chul (Republic of Korea)*** A THEORETICAL ANALYSIS AND CFD SIMULATION ON THE CERAMIC MONOLITH HEAT EXCHANGER	(148) ***Shiau Bao-Shi and Tsai Ben-Jue (Taiwan)*** WIND TUNNEL MEASUREMENT AND ASSESSMENT ON THE PEDESTRIAN WIND ENVIRONMENT: A CASE STUDY OF JINYING HIGH RISE BUILDING IN TAIPEI, TAIWAN	(224) ***Watanabe Masaji, Liu Ying, Yamamoto Kazuhiro, Ceric Majda, Hashentuya, and Otani Yoji (Japan)*** SIMULATION OF SEDIMENT TRANSPORT IN A LAKE AND MEASUREMENT USING GPS AND ECHO SOUNDER
15:30	(165) ***Chen Jiahn-Horng and Wu Ping-Chen (Taiwan)*** A COMPUTATIONAL STUDY OF TWO-DIMENSIONAL VISCOUS CAVITATING HYDROFOIL FLOW NEAR A FREE SURFACE	(291) ***Chashechkin Yu.D. (Russia)*** VISUALIZATION OF STRATIFIED AND ROTATING FLOWS FINE STRUCTURE	(236) ***Nakane I. (Japan)*** PREDICTION OF THE POLLEN FLOW BEHAVIOR AND THE INFLUENCE OF THE WIND SPEED ON THE POLLEN INVASION
15:50	(197) ***Tzu-I Tseng (Taiwan)*** A MOVING BOUNDARY SCHEME OF SPACE-TIME CONSERVATION ELEMENT AND SOLUTION ELEMENT METHOD FOR TWO-DIMENSIONAL HYPERBOLIC CONSERVATION LAWS	(216) ***Watanabe Masaji, Liu Ying, Ceric Majda, Yamamoto Kazuhiro, and Otani Yoji (Japan)*** MULTILAYER FINITE ELEMENT ANALYSIS OF FLOW GENERATED IN A LAKE WITH UPSTREAM DIFFERENCE IN TIME DISCRETIZATION	(088) ***Fang Hongwei, He Guojian, Chen Minghong, and Liu Xiaobo (China)*** TWO-DIMENSIONAL NUMERICAL SIMULATION OF FLOW AND HEAT TRANSPORT
16:10	(178) ***Weiqi Qian, Kaifeng He, Gang Liu, and Zuobin Chen (China)*** NUMERICAL SIMULATION OF ZERO-NET-MASS JET FLOW	(190r) ***Lavrovsii E.K. and Fominikh V.V. (Russia)*** THE FORMS OF EQUILIBRIUM OF VORTEX STRUCTURES IN AMBIENT SPACE OF ARBITRARY NONHOMOGENEOUS DENSITIES (in Russian)	(205) ***Kagawa Toshiharu, Nishimura Riki, and Youn Chongho (Japan)*** DEVELOPMENT OF HIGH SPEED RESPONSE LAMINAR FLOW METER FOR AIR CONDITIONING

16:30	**Coffee Break**		
	Section: C7/ I	**Section: A1/ I**	**Section: A11/ I**
Chair	**Chan C.-K.**	**Kozlov V.**	**Frolov S.**
16:45	(202) ***Fuchiwaki Masaki and Tanaka Kazuhiro (Japan)*** VORTEX FLOW DEVELOPED IN THE WING CHORD DIRECTION OF A FLAPPING BUTTERFLY WING	(513) ***Volodin V.V. Golub V.V., and Saveliev A.S. (Russia)*** GASDYNAMICS OF SLIDING AND DIELECTRIC BARIER DISCHARGES IN AIR FLOW	(173) ***Zibarov A., Burvikova I., and Maximov F. (Russia)*** NUMERICAL SIMULATION OF SOME COMPLEX COMBUSTION AND DETONATION PROBLEMS AND FEATURES OF THE OBTAINED DATA VISUALIZATION
17:05	(189) ***Chern Ming-Jyh, Huang Shin-Shan, and Wu Ming-Ting (Taiwan)*** NUMERICAL SIMULATION OF FLOW IN TRIFURCATED LEFT CORONARY ARTERIES	(172) ***Seryu Ryota and Iwamoto Junjiro (Japan)*** IMPINGEMENT OF UNDEREXPANDED JET ON CONE	(354) ***Klimchuk E.G. (Russia)*** THE MECHANISM OF MELTED PRODUCTS FLOW AT ORGANIC SELF-PROPAGATING HIGH-TEMPERATURE SYNTHESYS
17:25	(196) ***Ortiz Jayme Pinto and Legendre Daniel (Brazil)*** FLOW BEHAVIOR THROUGH PHYSICAL AND COMPUTATIONAL MODEL OF ABDOMINAL AORTIC ANEURYSM	(283) ***Winoto S.H., Tandiono, and Shah D.A. (Singapore)*** DEVELOPMENT OF WALL SHEAR STRESS IN GÖRTLER VORTEX FLOW	(369) ***Ivanov K.V., Volodin V.V., Baklanov D.I., and Golovastov S.V. (Russia)*** EXPERIMENTAL INVESTIGATION OF THE INFLUENCE OF PRESSURE BOUNDARY RUPTURE RATE ON THE IGNITION OF PRESSURIZED HYDROGEN RELEASE
17:45	**Steering committee meeting**	(170) ***Sato Nobuhiko and Iwamoto Junjiro (Japan)*** VISUALIZATION OF FLOW FIELD OF HIGH-SPEED PULSATING JET BY MACH–ZEHNDER INTERFEROMETRY	(512) ***Golub V., Kotelnikov A., Volodin V., and Golovastov S. (Russia)*** PROSPECTIVE AIR-BREATHING PULSE DETONATION ENGINE

18:05		(367) ***Yau J.D. (Taiwan)*** AERODYNAMIC RESPONSE OF AN EMS-TYPE MAGLEV VEHICLE RUNNING ON FLEXIBLE GUIDEWAYS	(514) ***Lenkevich D.A., Volodin V.V., Golub V.V., Baklanov D.I., and Ivanov K.V. (Russia)*** EXPERIMENTAL INVESTIGATION OF HYDROGEN SELF-IGNITION AT THE DISHARGE INTO THE PRESSURE RELIEF DEVICE
19:05	**Welcome reception at Royal Hall (Begovaya Str. 22-1)**		

August 19, Wednesday

	Blue hall	Beige hall	Green hall
Chair	**Golub V.**		
09:15	**Keynote lecture 2** (0K2) ***Chan C.-K. (Taiwan)*** TURBULENT DRAG REDUCTION AND DEGRADATION OF DNA		
	Section: B6/ I	**Section: A11/ II**	**Section: C6/ I**
Chair	**Honda S.**	**Frolov S.**	**Kagawa T.**
10:00	(207) ***Kato Tomonori, Akihisa Jun, Nagai Nozomu, and Kagawa Toshiharu (Japan)*** MEASUREMENT OF THE PULSATION IN GAS PIPE LINE AND FEASIBILITY EVALUATION OF THE GAS PULSATION DUPLICATING SYSTEM	(290) ***Golovastov S., Baklanov D., Golub V., Falyakhov T., Mikushkin A., Semin N., and Volodin V. (Russia)*** COMPRESSION OF AIR BEHIND THE PISTON DRIVEN BY DETONATION	(215) ***Yamagishi Yoichi, Kimura Shigeo, Oki Makoto, and Hatayama Chisa (Japan)*** EFFECT OF CORNER CUTOFFS ON FLOW CHARACTERISTICS AROUND A SQUARE CYLINDER

10:20	(185) ***Kitajima Shuta, Iwamoto Junjiro, and Tamura Ema (Japan)*** A STUDY ON THE BEHAVIOR OF SHOCK WAVE AND VORTEX RING DISCHARGED FROM A PIPE	(198) ***Volkov V. (Ukraine)*** DECISION SUPPORT SYSTEMS ON HAZARDS OF INDUSTRIAL EXPLOSIONS AND FUZZY LOGIC	(201) ***Huang Bo, Li Zhufei, Yang Jiming, and Luo Xisheng (China)*** AN EXPERIMENTAL OBSERVATION OF 3D SCRAMJET INLET FLOW IN SHOCK TUNNEL
10:40	(175) ***Uehara Akira, Eino Jyun-ichi, Hashizume Takumi, Wakui Tetsuya, Miyaji Nobuo, and Yuuki Yoshitaka (Japan)*** DIAGNOSTICS OF IMPULSE LINE BLOCKAGE WITH A MULTISENSING DIFFERENTIAL PRESSURE TRANSMITTER AT THE AIR LINE	(167) ***Kulikov S. (Russia)*** SUPEREQUILIBRIUM INCREASE OF A CHEMICAL TRANSFORMATION IN THE DETONATION FRONT AND OTHER EFFECTS IN DETONATION WAVE INITIATED BY A SHOCK WAVE	(230) ***Akansu Yahya Erkan, Özmert Mehmet, and Fırat Erhan (Turkey)*** EFFECT OF ATTACK ANGLE ON THE DRAG REDUCTION OF SQUARE PRISM BY USING A SMALL ROD
11:00	**Coffee Break**		
	Section: A3	**Section: A6**	**Section: B1**
Chair	**Frolov S.**	**Leonov S.**	**Sabelnikov V.**
11:15	(357) ***Demetriou J.D. (Greece)*** THEORY AND GEOMETRY COMPARISON AMONG INCLINED FREE-OVER SILL-REPELLED HYDRAULIC JUMPS	(232) ***Joussot R., Boucinha V., Hong D., Weber-Rozenbaum R., Leroy-Chesneau A., and Rabat H. (France)*** DIELECTRIC SURFACE TEMPERATURE MEASUREMENTS IN A DBD PLASMA ACTUATOR USING INFRARED THERMOGRAPHY	(218) ***Jiang Hua, Lu Zhi-guo, Yu Shi-en, and Zhao Rong-juan (China)*** THE RESEARCH OF BALANCE TEST FOR SCRAMJET MODEL IN HYPERSONIC HIGH TEMPERATURE WIND TUNNEL

11:35	(206) ***Tanaka Yoshito, Yokomichi Isao, Inoue Masanobu (Japan), and Yaobao Yin (China)*** POWER TRANSMISSION WITH ALTERNATING FLOW HYDRAULICS	(176) ***Kotsonis Marios, Boon Pieter, and Veldhuis Leo (The Netherlands)*** PLASMAS FOR TRANSITION DELAY	(006) ***Gorelski V. and Tolkachev V. (Russia)*** USING METHOD OF ORTHOGONAL X-RAY PULSING SHOOTING FOR EXPERIMENTAL RESEARCH OF INFLUENCE OF THE ANGLE OF THE NUTATION ON PENETRATING ABILITY OF LONG PROJECTILES
11:55	(211) ***Okawa Yoichi, Youn Chongo, Kawashima Kenji, and Kagawa Toshiharu (Japan)*** STUDY ON FLOW CHARACTERISTICS OF RADIAL SLIT ELEMENT	(168) ***Vinnichenko N., Osipov A., and Uvarov A. (Russia)*** INFLUENCE OF ENERGY RELEASE IN NONEQUILIBRIUM MEDIUM UPON THE STRUCTURE OF SWIRLING FLOWS	(217) ***Lu Zhi-guo, Li Guo-jun, Luo Yicheng, Jiang Hua, Yu Shi-en, and Zhong Yong (China)*** MEASUREMENTS OF VIBRATION AMPLITUDE AND IMPACT FORCE IN 2M SHOCK TUNNEL
12:15	(350) ***Al-Hasan M. and Al-Qodah Z. (Jordan)*** CHARACTERISTICS OF GAS–SOLID FLOW IN VERTICAL TUBE	(157) ***Fuchimoto Ryo and Tsukiji Tetsuhiro (Japan)*** STUDY ON LIQUID CRYSTAL PUMP	(253) ***Sakakibara Yoko, Iwamoto Junjiro, and Endo Masaki (Japan)*** EFFECT OF WALL JET ON OSCILLATION MODE OF IMPINGING JET
12:35	(262) ***Zeynali Rasoul Ilkhanipour (Islamic Republic of Iran)*** INSTRUCTER	(345) ***Fokeev V. (Russia)*** EXPERIMENTS ON PULSE GAS DISCHARGE – INCIDENT SHOCK WAVE INTERACTION	(179) ***Tao Yang, Fan Zhao-lin, Zhao Zhong-liang, Wang Hong-biao, Bin-bin IV (China)*** PREDICTIONS OF DYNAMIC DAMPING COEFFICIENTS OF BASIC FINNER BASED ON CFD
13:00	**Lunch**		

		Section: A4	Section: A13
Chair	**Rathakrishnan E.**	**Kopiev V.**	**Markovich D.**
14:30	**Invited lecture** (0i2) ***Kagawa T. and Li Xin (Japan)*** VORTEX LEVITATION	(159) ***Bai H L and Zhou Y (Hong Kong)*** ACTIVE CONTROL OF TURBULENT BOUNDARY LAYER USING AN ARRAY OF PIEZO-CERAMIC ACTUATORS	(210) ***Tanaka K., Fuchiwaki M., Sakurai Y., and Nakada T. (Japan)*** PRECISE 1D DYNAMICAL ANALYSIS OF TEMPERATURE IN AN OIL-HYDRAULIC CYLINDER CHAMBER BASED ON 3D INTERNAL FLOW ANALYSIS
14:50		(147) ***Suzuki Katsumasa, Niimura Yoshitaka, Akitani Kazutoshi, and Sugimura Ken (Japan)*** ENERGY SAVING OF OIL HYDRAULIC PUMP UNIT BY IDLING STOP METHOD USING AN ACCUMULATOR	(248) ***Khitrovo A.A. (Russia)*** USE OF A PNEUMATIC AND FLUIDIC FOR THE DECISION OF MASSAGE PROBLEM
	Section: A7	**Section: B7**	
Chair	**Rathakrishnan E.**	**Kopiev V.**	
15:10	(297) ***Kopiev V. and Faranosov G. (Russia)*** ON THE POSSIBILITY OF TURBULENT FLOW NOISE CONTROL IN SUPERSONIC JET	(213) ***Wang L.W., Chen Y.S., Sung J.K., and Kung Y.C. (Taiwan)*** THERMOSOLUTAL CONVECTION IN A RECTANGULAR ENCLOSURE WITH VERTICAL MIDDLE-PARTITIONS	(250) ***Kasimov A.M., Popov A.I., and Kovrygin P.V. (Russia)*** FLUIDICS IN CONTROL OF FLIGHT VEHICLES
15:30	(244) ***Kiwata T., Saitoh M., Kimura S., Komatsu N., Kimura T., and Suginuma J. (Japan)*** DISPLACEMENT EFFICIENCY OF WATER IN A CYLINDRICAL TANK	(233) ***Liu Dong, Choi Seok-Hwan, and Kim Hyoung-Bum (Republic of Korea)*** EXPERIMENTS ON THE STABILITY OF TAYLOR–COUETTE FLOW WITH RADIAL TEMPERATURE GRADIENT	(160) ***Bergada Josep M., Kumar Sushil (Spain), Davies Dyfyr Ll., and Xue Yiqin (UK)*** EXPERIMENTAL INVESTIGATION IN AXIAL PISTON PUMPS BARREL DYNAMICS

15:50	(156) ***Komuro Kanako and Tsukiji Tetsuhiro (Japan)*** STUDY ON VORTICAL STRUCTURE OF A TRANSVERSE JET USING CFD	(193) ***Gallo M., Kunsch J.P., and Rösgen T. (Switzerland)*** TEMPERATURE SENSING ARRAY FOR PARALLEL MEASUREMENTS IN TUNNEL FIRE MODELS	**Invited lecture** (0i3) ***Sabel'nikov V., Brossard C., Orain M., Grisch F., Barat M., Ristori A., and Gicquel P. (France)*** VISUALIZATION STUDY OF THERMOACOUSTIC INSTABILITIES IN A BACKWARD-FACING STEP STABILIZED LEAN-PREMIXED FLAME IN HIGH TURBULENCE FLOW
16:10	(252) ***Endo Masaki, Inamura Eijiro, Sakakibara Yoko, and Iwamoto Junjiro (Japan)*** A STUDY ON INTERACTION OF UNDEREXPANDED JET WITH THIN PLATE	(188r) ***Kozlov I.I. and Prokofiev V.V. (Russia)*** THE EXPERIMENTAL STUDY OF THE DEVELOPMENT OF INSTABILITY ON THE BORDER OF VENTILATED CAVITY WITH NEGATIVE CAVITATION NUMBER (in Russian)	
16:30	**Coffee Break**		
	Section: C6/ II	**Section: B6/ II**	**Section: A8**
Chair	**Kagawa T.**	**Honda S.**	**Golub V.**
16:45	(358) ***Shabanova T., Mofa N., Nuzhnov Yu. and Mansurov Z. (Kazakhstan)*** VISUALIZATION OF NANOSIZE HETEROGENEITIES OF MEDIA AND A HYDRODYNAMIC MODEL OF FORMATION OF TUBULAR NANOSTRUCTURES	(361) ***Kasansky P., Klimov A., and Moralev I. (Russia)*** CYLINDER WAKE MODIFICATION BY A SURFACE HF DISCHARGE ACTUATOR	(158) ***Ramalingam Naveen, Chen Long-Qing, Wang Qing-Hui, and Gong Hai-Qing (Singapore)*** MICROFLUIDIC CAPILLARY FLOW OF DNA SAMPLE AND SEALANT FOR GENETIC TESTING

17:05	(223) ***Akansu Yahya Erkan, Sarıoğlu Mustafa, and Yavuz Tahir (Turkey)*** FLOW CHARACTERISTICS OF THE FLOW AROUND A SQUARE PRISM AND A CIRCULAR CYLINDER IN TANDEM ARRANGEMENT	(171) ***Koita Taketoshi and Iwamoto Junjiro (Japan)*** A STUDY ON FLOW BEHAVIOR INSIDE A SIMPLE MODEL OF EJECTOR	(219) ***Oishi Masamichi, Kinoshita Haruyuki, Fujii Teruo, and Oshima Marie (Japan)*** INVESTIGATION OF DROPLET FORMATION MECHANISM IN MICRO T-SHAPED JUNCTION USING CONFOCAL MICRO-PIV MEASUREMENT
17:25	(220) ***Liu Sen, Xie Ai-min, Huang Jie, Song Qiang, Zheng Lei, and Luo Jin-yang (China)*** EIGHT SEQUENCES LASER SHADOWGRAPH FOR THE VISUALIZATION OF HYPERVELOCITY IMPACT DEBRIS CLOUD	(182r) ***Evterev L.S., Kosyakov S.I., and Osolovsky V.S. (Russia)*** BLAST WAVE OVERPRESSURE IN FRONT REGION: METHOD OF TIME DEPENDENCE RESTORING (in Russian)	(285) ***Kudinov I. and Evseev N. (Russia)*** NUMERICAL STUDY OF TWO-PHASE FLOW REGIMES IN SQUARE MICROCHANNELS WITH HYDRODYNAMIC FOCUSING
17:45	(214) ***Xie Ai-min, Huang Jie, Song Qiang, Xu Xiang, and Lu Zhi-guo (China)*** APPLIED PRIMARILY OF FOCUSING SCHLIEREN VISUALIZATION SYSTEM IN THE SHOCK WIND TUNNEL	(366r) ***Golovnev I. and Platov S.A. (Russia)*** THE CRITICAL ANALYSIS OF MODELS OF TURBULENCE OF LAMINAR-TURBULENT TRANSITION AND A ROLE OF DIFFUSION BY PRESSURE FLUCTUATIONS (in Russian)	(260) ***Yagi Takanobu, Wakasa Shotaro, Tokunaga Natsuko, Akimoto Yuki, and Umezu Mitsuo (Japan)*** COLLISION DYNAMICS OF RED BLOOD CELLS USING HIGH-SPEED IMPINGING MICROJETS
18:30	Departure from the Conference site		
19:30	**FLUCOME2009 Dinner Banquet (Tsaritsino, “Opera House”)**		

August 20, Thursday

08:30	Departure from the Conference site
10:30	**International Aviation and Space Salon MAKS2009**

August 21, Friday

	Blue hall	Beige hall	Green hall
Chair	**Iwamoto J.**		
09:15	**Keynote lecture 3** (0K3) ***Rathakrishnan E. (India)*** CORRUGATED TABS FOR SUPERSONIC JET CONTROL		
	Section: B10	**Section: B4**	**Section: C2**
Chair	**Iwamoto J.**	**Kozlov V.**	**Molkov V.**
10:00	(174) ***Fedorov S. and Boyarshinov B. (Russia)*** APPARATUS FOR LASER GAS DIAGNOSTICS WITH THE USE OF FOCUSED BEAMS	(013) ***Constain A. (Colombia)*** FRENKEL´S VISCOSITY FORMULA RECALCULATED THROUGH MACROSCOPIC DISPERSION PARAMETERS	(162) ***Wang Bing, Niu Hongtao, Lu Hao, Zhang Huiqiang, and Wang Xilin (China)*** FLOWVISUALIZATION OF INTERACTIONS BETWEEN PARTICLE WAKES AND JET VORTICES
10:20	(204) ***Long Zhang, Longde Guo, Jianjun Yang, Jun Zhang, and Yungang Wu (China)*** RESEARCH ON THE TECHNIQUE OF ICE SHAPE MEASUREMENT BASED ON LASER SHEET AND MACHINE VISION IN WIND TUNNEL	(015) ***Constain A., Carvajal J., and Carvajal A. (Colombia)*** NON-FICKIAN TRACER CURVES ARE ALSO GAUSSIAN: AN EXPERIMENTAL DEMONSTRATION AND DISSCUSION OF CONSEQUENCES TO TRANSPORT THEORY	(161) ***Lu Hao, Wang Bing, Zhang Hui-Qiang, and Wang Xi-Lin (China)*** FLOW VISUALIZATION OF EFFECTS OF WALL ROUGHNESS ELEMENTS ON NEAR WALL COHERENT STRUCTURES IN A CHANNEL FLOW

10:40	(266) ***Fang Shuo, Disotell K.J., Gregory J.W., Semmelmayer F.C., and Guyton R.W. (USA)*** UNSTEADY SURFACE PRESSURE MEASUREMENTS ON A HEMISPHERICAL DOME WITH PRESSURE-SENSITIVE PAINT	(180) ***Yang Dang-guo, Fan Zhao-lin, and Luo Xin-fu (China)*** EFFECT OF FREE-STREAM BOUNDARY-LAYER THICKNESS ON AEROACOUSTIC CHARACTERISTICS OF OPEN CAVITY FLOW	(186) ***Xu M., Xiong R.H., Li Y.F., Yang J.M., Luo X., Yu Y.B., and Zhao T.Z. (China)*** THE EVOLUTION OF HEAVY LIQUID DROP SUSPENDED IN LIGHT LIQUID AFTER AN IMPACT
11:00	**Coffee Break**		
	Section: B3/ II	**Section: A5**	**Section: A1/ II**
Chair	**Fujisawa N.**	**Leonov S.**	**Golub V.**
11:15	(365) ***Fujisawa Nobuyuki, Syuto Tomoaki, Takasugi Tsuyushi, and Yamagata Takayuki (Japan)*** THREE-DIMENSIONAL FLOW VISUALIZATION AND PIV MEASUREMENT IN NEAR FIELD OF STRONGLY BUOYANT JET	(208) ***Arkhipov V.A., Berezikov A.P., Tkachenko A.S., and Usanina A.S. (Russia)*** THE SIMULATION OF LIQUID-DROP AEROSOLS SYSTEMS GRAVITATIONAL SEDIMENTATION	(040) ***Khorev I., Gorelski V., and Eremin I. (Russia)*** USE OF THE AERODYNAMIC PRINCIPLE OF INSTALLMENT SEPARATION OF THE THROWED DESIGN FOR THE ADJUSTABLE THROWING OF GROUP OF ELEMENTS ON THE BALLISTIC STAND
11:35	(363r) ***Ogorodnikov V., Mikhailov A., Burtsev V., Lobastov C., Erunov S., Romanov A., Rudnev A., Kulakov E., Bazarov Yu., Glushihin V., Kalashnik I., Tsiganov V., and Tkachenko B. (Russia)*** THE REGISTRATION OF THE DISCHARGE OF PARTICLES FROM THE OPEN SURFACE OF SHOCK LOADED SAMPLES BY SCHLIEREN METHOD (in Russian)	(012) ***Mansouri D. (Islamic Republic of Iran)*** STUDY ON WIND WAVES	(221) ***Aoki Katsumi, Muto Koji, Okanaga Hiroo, and Nakayama Yasuki (Japan)*** AERODYNAMIC CHARACTERISTIC AND FLOW PATTERN ON DIMPLES STRUCTURE OF A SPHERE

	Section: B2	Section: C7/ II	
Chair	**Frolov S.**	**Chan C.-K.**	
11:55	(235) ***Strzelecki A., Lavergne G. (France), and Frackowiak B. (Germany)*** PLIF MEASUREMENTS AROUND EVAPORATING MONODISPERSE DROPLET STREAM	(212) ***Li Ming Lung (Taiwan)*** THE 3D FLOW ANALYSIS IN RUPTURED CEREBRAL ANEURYSM	(222) ***Okada Koichi, Fujii Kozo, and Miyaji Koji (Japan)*** COMPUTATIONAL STUDY OF THE SEPARATED FLOW STRUCTURE INDUCED BY THE SYNTHETIC JET ON A BACKWARD-FACING STEP
12:15	(263) ***Hooshmandzadeh Mohammad (Islamic Republic of Iran)*** INVESTIGATION SEDIMENTATION IN KARKHEH RESERVIOR BY EXPERIMENTAL METHODS AND GSTARS-3 SOFTWARE	(203) ***Hsiao Hung-Ta, Lee Lung-Cheng, Tseng Tzu-I, Wang Sheng-Chuan, Hung Kuo-Chan, Shih Ren-Jieh, and Shen Cherng-Yeu (Taiwan)*** COMPUTER-AIDED-DIAGNOSIS IN OBSTRUCTIVE APNEA SYNDROME BY CFD SIMULATION	(226) ***Asada Kengo and Fujii Kozo (Japan)*** COMPUTATIONAL STUDY OF SEPARATION CONTROL MECHANISM WITH THE IMAGINARY BODY FORCE ADDED TO THE FLOWS OVER AN AIRFOIL
12:35		(338) ***Omelchenko A. and Sobol E. (Russia)*** SCHLIEREN VISUALIZATION OF LASER-INDUCED FLOW IN BIOLOGICAL TISSUES AND GELS WITH NANOABSORBERS	(353) ***Kozlov V. (Russia)*** ACTUAL PROBLEMS OF THE SUBSONIC AERODYNAMICS (PROSPECT OF SHEAR FLOWS CONTROL)
12:55	**Closing Ceremony**		
13:15	**Farewell Party**		

Program of FLUCOME10

August 18, Tuesday

	Blue hall	Beige hall	Green hall
9:15	**Registration**		
10:10	**Opening Ceremony**		
10:40	**Keynote lecture 1**		
Chair	Leonov		
11:25	**Coffee Break**		
		Section: B3/ I	**Section: C1**
Chair	Golub	Fujisara	Eremin
11:40	**Invited lecture 7**	151	231
12:00		238	227
12:20	invited report 318	237	255
	Section: A2		
Chair	Golub		
12:40	515	194	228
13:00	**Lunch**		
14:30	**Special Invited lecture 4**		
Chair	Egorov		
	Section: B11	**Section: B8**	**Section: C8**
Chair	Egorov	Yamamoto	Molkov
15:10	155	148	224
15:30	165	291	236
15:50	197	216	88
16:10	178	190*	205
16:30	**Coffee Break**		
	Section: C7/ I	**Section: A1/ I**	**Section: A11/ I**
Chair	Chan	Kozlov	Frolov
16:45	202	513	173
17:05	189	172	354
17:25	196	283	369
17:45	Steering	170	512
18:05	committee	367	514
18:20	meeting		
19:05	**Welcome reception**		

August 19, Wednesday

	Blue hall	Beige hall	Green hall
9:15	**Keynote lecture 2**		
Chair	Golub		
	Section: B6/ I	**Section: A11/ II**	**Section: C6/ I**
Chair	Honda	Frolov	Kagawa
10:00	207	290	215
10:20	185	198	201
10:40	175	167	230
11:00	**Coffee Break**		
	Section: A3	**Section: A6**	**Section: B1**
Chair	Frolov	Leonov	Sabelnikov
11:15	357	232	218
11:35	206	176	6
11:55	211	168	217
12:15	350	157	253
12:35	262	345	179
13:00	**Lunch**		
		Section: A4	**Section: A13**
Chair	Rathakrishnan	Kopiev	Markovich
14:30		159	210
14:50	**Invited lecture 5**	147	248
		Section: A7	**Section: B7**
Chair	Rathakrishnan	Kopiev	
15:10	297	213	250
15:30	244	233	160
15:50	156	193	**Invited lecture 8**
16:10	252	188*	
16:30	**Coffee Break**		
	Section: C6/ II	**Section: B6/ II**	**Section: A8**
Chair	Kagawa	Honda	Golub
16:45	358	361	158
17:05	223	171	219
17:25	220	182*	285
17:45	214	366*	260
18:05	Departure from Conference site		
20:00	**FLUCOME2009 Dinner**		

August 21, Friday

	Blue hall	Beige hall	Green hall
9:15	**Keynote lecture 3**		
Chair	Iwamoto		
	Section: B10	**Section: B4**	**Section: C2**
Chair	Iwamoto	Kozlov	Molkov
10:00	174	13	162
10:20	204	15	161
10:40	266	180	186
11:00	**Coffee Break**		
	Section: B3/ II	**Section: A5**	**Section: A1/ II**
Chair	Fujisawa	Leonov	Golub
11:15	365	208	40
11:35	363*	12	221
	Section: B2	**Section: C7/ II**	
Chair	Frolov	Chan	
11:55	235	212	222
12:15	263	203	226
12:35		338	353
12:55	**Closing Ceremony**		

* Presentation marked with asterisk are in Russian