

## APISAT2018 Technical Program

Oct. 15	14:00	21:00	Onsite Registration					Location: Hotel Lobby, Century City International Convention Centre							
Oct. 16	7:30	8:30	Opening Ceremony					Chair: Junchen Yao, Secretary General, CSAA							
	8:45	9:00	Plenary Lecture 1: Model Based Systems Engineering Transformation and Innovation Dr. Xinguo Zhang, Executive Vice President and CIO of Aviation Industry Corporation of China Ltd. (AVIC), President of Chinese Aeronautical Establishment(CAE) , Vice President of Chinese Society of Aeronautics & Astronautics (CSAA), China					Chair: Prof. Yongling Fu, Beihang University(BUAA)							
	9:00	9:40	Break												
	9:40	10:00	Plenary Lecture 2: Prospects on Space Development in Korea Dr. Joon-Min Choi, Executive Director of Technology R&D Head Office, Korea Aerospace Research Institute (KARI), Korea												
	10:00	10:40	Plenary Lecture 3: Overview of JAXA's Advanced Fan Jet Research (aFJR) Project Dr. Toshio Nishizawa, Director, Propulsion Research Unit, JAXA, Japan					Chair: Prof. Yongling Fu, Beihang University(BUAA)							
	10:40	11:20	Plenary Lecture 4: Activities of the RMIT Sir Lawrence Wackett Aerospace Research Centre Prof. Pier Marzocca, Associate Dean of Engineering, Aerospace Engineering and Aviation, RMIT University, Australia												
	11:20	12:00	Lunch					Location: Sphere Cafe (1st floor, Holiday Inn Century City West Tower)							
			Track 1	Track 2	Track 3	Track 4	Track 5	Track 6	Track 7						
			Shu Han Room (3rd Floor)	Shu Feng Room (3rd Floor)	Shu Yun Room (3rd)	Shu Shui Room(3rd Floor)	Shu Shan Room (3rd Floor)	Wu Hou Room(5thFloor)	Cheng Hua Room (5th Floor)						
	13:30	13:45	CFD applications 1 Chair: Prof. Koji Miyaji	Flow control and mechanism 1 Chair: Prof. Kenichi Rinoie	Structure analysis 1 Chair: Mr. Atsuhiko Senba	Propulsion Chair: Prof. Song Fu	Hypersonic applications Chair: Dr. Zhiyong Liu	UAV 1 Chair: Dr. Wenqing Yang	Advanced control theory Chair: Mr. Atsushi Satoh						
	14:00	14:15													
	14:15	14:30													
14:30	14:45	Break													
14:45	15:00	CFD applications 2 Chair: Prof. Koji Miyaji	Flow control and mechanism 2 Chair: Prof. Kenichi Rinoie	Structure analysis 2 Chair: Mr. Atsuhiko Senba	Combustion analysis 1: Numerical Chair: Prof. Jianping Wang	Simulation for other applications Chair: Dr. Felix Finger	UAV 2 Chair: Prof. Zhenxun Gao	Guidance 1 Chair: Prof. Seiya Ueno							
15:00	15:15														
15:15	15:30														
15:30	15:45								Break						
15:45	16:00	CFD applications 3 Chair: Prof. Zhenxun Gao	Flow control and mechanism 3 Chair: Prof. Heyong Xu	Structure analysis 3 Chair: Mr. Hitoshi Arizono	Combustion analysis 2: Experimental Chair: Prof. Jianping Wang	Human environment Chair: Dr. Xueli He	UAV 3 Chair: Prof. Youdan Kim	Simulation software & applications Chair: Dr. Chen Tian							
16:00	16:15														
16:15	16:30														
16:30	16:45								Break						
16:45	17:00	CFD applications 4 Chair: Mr. Tatsunori Yuhara	Flow control and mechanism 4 Chair: Prof. Heyong Xu	Structure analysis 4 Chair: Mr. Hitoshi Arizono	Combustion analysis 3: Numerical Chair: Prof. Jianping Wang	Civil aviation safety Chair: Prof. Cees Bil	Aircraft Structural Design Chair: Prof. Sangchul Lee	Assessment & Verification Chair: Dr. Takeshi Tsuchiya							
17:00	17:15														
17:15	17:30														
17:30	17:45								Break						
17:45	18:00	CFD applications 5 Chair: Mr. Ayumu Inasawa	Wind tunnel 1 Chair: Mr. Zhong Lei	Structural testing Chair: Prof. SangJoon Shin	Detonation & Rocket Chair: Dr. Zhiyong Liu	Sensors and sensing Chair: Prof. Yongling Fu	Aircraft design optimization 1 Chair: Prof. Cees Bil	Aircraft Test 2 Chair: Dr. Jian Fu							
18:00	18:15														
18:15	18:30														
18:30	18:45								Break						
18:45	19:00	CFD applications 6 Chair: Mr. Tao Yang	Wind tunnel 2 Chair: Mr. Zhong Lei	Composite structures 1 Chair: Dr. Fan Xie	Aero-Engines 1 Chair: Dr. Yinli Xiao	Motors and pumps Chair: Prof. Yongling Fu	Aircraft design optimization 2 Chair: Prof. Jiangtao Huang	Flight control 1 Chair: Dr. Takeshi Tsuchiya							
17:15	17:30														
17:30	17:45														
17:45	18:00								Break						
18:00	18:15	CFD applications 6 Chair: Mr. Tao Yang	Wind tunnel 3 Chair: Mr. Taro Imamura	Composite structures 2 Chair: Dr. Fan Xie	Aero-Engines 2 Chair: Dr. Yinli Xiao	Flight control actuation system and actuators Chair: Dr. Jian Fu	Aircraft design optimization 3 Chair: Prof. Jiangtao Huang	Flight control 2 Chair: Dr. Takeshi Tsuchiya							
18:15	18:30														
18:30	18:45														
18:45	19:00								Break						
18:45	21:00	Reception					Location: Tianfu Room (3rd floor, Century City International Convention Centre )								
Oct. 17	8:30	8:45	Aerodynamics optimization 1 Chair: Mr. Ayumu Inasawa	Wind tunnel 1 Chair: Mr. Zhong Lei	Structural testing Chair: Prof. SangJoon Shin	Detonation & Rocket Chair: Dr. Zhiyong Liu	Sensors and sensing Chair: Prof. Yongling Fu	Aircraft design optimization 1 Chair: Prof. Cees Bil	Aircraft Test 2 Chair: Dr. Jian Fu						
	8:45	9:00													
	9:00	9:15													
	9:15	9:30								Break					
	9:30	9:45	CFD applications 5 Chair: Mr. Ayumu Inasawa	Wind tunnel 2 Chair: Mr. Zhong Lei	Composite structures 1 Chair: Dr. Fan Xie	Aero-Engines 1 Chair: Dr. Yinli Xiao	Motors and pumps Chair: Prof. Yongling Fu	Aircraft design optimization 2 Chair: Prof. Jiangtao Huang	Flight control 1 Chair: Dr. Takeshi Tsuchiya						
	9:45	10:00													
	10:00	10:15													
	10:15	10:30								Break					
	10:30	10:45	CFD applications 6 Chair: Mr. Tao Yang	Wind tunnel 3 Chair: Mr. Taro Imamura	Composite structures 2 Chair: Dr. Fan Xie	Aero-Engines 2 Chair: Dr. Yinli Xiao	Flight control actuation system and actuators Chair: Dr. Jian Fu	Aircraft design optimization 3 Chair: Prof. Jiangtao Huang	Flight control 2 Chair: Dr. Takeshi Tsuchiya						
	10:45	11:00													
	11:00	11:15													
	11:15	11:30								Break					
	11:30	11:45	Scheme and algorithm 1 Chair: Prof. Zhenghong Gao	Unsteady aerodynamics Chair: Dr. Peng Lv	Aeroelasticity 2 Chair: Mr. Jinlong Peng	Space Propulsion Chair: Prof. Song Fu	Drag reduction of aircraft Chair: Dr. Wenqing Yang	Aircraft modeling Chair: Dr. Qijia Yun	Flow control Chair: Dr. Zhiyong Liu						
	11:45	12:00													
	12:00	13:00								Lunch					Location: Sphere Cafe (1st floor, Holiday Inn Century City West Tower)
	13:00	13:45								Icing and Anti-icing Chair: Dr. Chunhua Xiao	Wind tunnel 4 Chair: Mr. Taro Imamura	Aeroelasticity 1 Chair: Mr. Jinlong Peng	Aero-Engines 3 Chair: Prof. Jianping Wang	Sensors & system modeling Chair: Dr. Jian Fu	Aircraft wing design Chair: Dr. Huan Zhao
	13:45	14:00													
	14:00	14:15													
	14:15	14:30	Break												
	14:30	14:45	Scheme and algorithm 2 Chair: Prof. Zhenghong Gao	Unsteady aerodynamics Chair: Dr. Peng Lv	Structural dynamics 1 Chair: Prof. SangJoon Shin	Space technologies Chair: Dr. Jun-Min Choi	Aircraft experiment Chair: Prof. Yongling Fu	Algorithm for analysis	Aerodynamics optimization 2 Chair: Prof. Jae-Woo Lee						
	14:45	15:00													
	15:00	15:15													
	15:15	15:30								Break					
	15:30	15:45	Scheme and algorithm 2 Chair: Prof. Zhenghong Gao	Unsteady aerodynamics Chair: Dr. Peng Lv	Structural dynamics 1 Chair: Prof. SangJoon Shin	Space technologies Chair: Dr. Jun-Min Choi	Aircraft experiment Chair: Prof. Yongling Fu	Algorithm for analysis	Aerodynamics optimization 2 Chair: Prof. Jae-Woo Lee						
15:45	16:00														
16:00	16:15														
16:15	16:30														
16:30	16:45	Break													

16:45	17:00	Zhenghong Gao	2 Chair: Dr. Peng Lv	SangJoon Shin		Chair: Dr. Joon Chung	Algorithm analysis and calculation 1			
17:00	17:15	Break							Chair: Dr. Falk Gotten	Break
17:15	17:30	Scheme and algorithm 3 Chair: Prof. Zhenghong Gao	Unsteady aerodynamics 3 Chair: Prof. Cees Bil	Structural dynamics 2 Chair: Prof. Sangchul Lee	Turbomachines Chair: Prof. Song Fu	Aircraft test 1 Chair: Dr. Jian Fu	Algorithm for analysis and calculation 2 Chair: Dr. Qian Zhao	Navigation Chair: Prof. Seiya Ueno		
17:30	17:45									
17:45	18:00									
18:00	18:15									
18:15	18:30									
18:30	18:45									
19:00	21:00	Banquet							Location: ShunXing Old Tea House (Century city new international exhibition center)	