

ISMNM2016 Time schedule

Time

15:00~ 18:00-20:00	<i>25th April, 2016</i> Registration Desk Opens Reception ceremony
	<i>26th April, 2016</i>
<i>Room A</i> 8:30-9:00 9:00-10:00 10:00-10:30 10:30-12:00	Opening Remarks Keynote Speech I Coffee break Keynote Speech II
13:00-13:30	Commemorative Photograph
<i>Room A & B</i> 13:40-15:00 15:00-15:30 15:30-17:10	Session A & B Coffee break Session C & D
18:00-20:00	Evening Banquet
	<i>27th April, 2016</i>
<i>Room A & B</i> 9:00-10:20 10:20-10:50 10:50-11:50	Session E & F Coffee break Session G & H
13:00-18:30	Technical visit
	<i>28th April, 2016</i>
8:30-17:00	Technical visit

ISMNM2016 Program

26th April, 2016

Room A

8:30-9:00	Opening Remarks	
	Keynote Speech I <i>Chairman: Prof. Yongbo Wu (Akita Prefectural University)</i>	
9:00-9:30	Micro-texturing and Plateau-processing by Angled Fine Particle Peening and ELID-grinding Hitoshi Ohmori, RIKEN, Japan	
9:30-10:00	Research on the Fundamental Theory on Meso/Micro Cutting Wang Xibin, Beijing Institute of Technology	
10:00-10:30	Coffee break	
	Keynote Speech II <i>Chairman: Prof. Tianfeng Zhou (Beijing Institute of Technology)</i>	
10:30-11:00	Development of micro cutting edge measurements with a point autofocus probe Katsuhiko Miura, Mitaka Kohki Co., Ltd., Japan	
11:00-11:30	Study of Automatic Online Micro-deburring in Precise End-face Grinding Process Chen Ming, Shanghai Jiao Tong University	
11:30-12:00	Ultra-precision Machining in Plastic Molding Naoki Matsuura, Juken Kogyo Co., Ltd., Japan	
12:00-13:00	Lunch	
13:00-13:30	Commemorative Photograph	
13:40-15:00	Session A : Room A	Session B : Room B
	<i>Chairman: Prof. Yiming Rong (Tsinghua University)</i>	<i>Chairman: Prof. Hiromi Isobe (Nagaoka University of Technology)</i>
13:40~	Comprehensive Analysis on Micro Mill and Its Influence on Micro Milling Process Liu Zhibing, Beijing Institute of Technology	Experimental and Theoretical Investigations of Ultraprecision Grinding and Chemical Mechanical Polishing Zhang Zhenyu, Dalian University of Technology
14:00~	3D lithography possible to combine with precision machining Minoru Sasaki, Toyota Technological Institute, Japan	Study of novel polishing technique for sapphire substrate using resin pad and AC electric field Shogo Chiba, Saito Optics Ltd., Japan
14:20~	Design and Micro-machining Technology for Micro-structured Hydrophobic Surfaces Shi Zhenyu, Shandong University	Experimental Research on Sharpening and Forming of CVD Diamond Micro Tool Li Liang, Nanjing university of aeronautics and astronautics
14:40~	A Study of a Grain of Metal Powder Melting Process by Laser for the Fine AM Technologies Hidekazu Maehana, Komatsu NTC Ltd., Japan	Influences of Surface Damage and Vacuum Annealing on Mechanical Reliability of FIB-fabricated Silicon Nanowires Tatsuya Fujii, Akita Prefectural University, Japan
15:00-15:30	Coffee break	
15:30-17:10	Session C : Room A	Session D : Room B
	<i>Chairman: Prof. Bi Zhang (Dalian University of Technology)</i>	<i>Chairman: Dr. Keita Shimada (Tohoku University)</i>
15:30~	Fabrication of Computer Generated Hologram for Aspheric Surface Measurement Zhang Zhiyu, Chinese Academy of Science	Micro-assembly System for Meso-scale Parts Ye Xin, Beijing Institute of Technology
15:50~	Multidisciplinary Micro Manufacturing Jiwang Yan, Keio University, Japan	Effect of the grain depth of cut on surface roughness Nobuhito Yoshihara, Iwate University, Japan
16:10~	Fundamental Machining Characteristics of Ultrasonic Assisted Turning of Inconel 718 Lu Dong, Nanchang Hangkong University	Microcutting of Microgrooves on Crystalline Nickel Phosphide Plating Layer for Glass Molding Zhou Tianfeng, Beijing Institute of Technology
16:30~	Precision machining of ceramic mold by micro engineering tool Hirofumi Suzuki, Chubu University, Japan	Stress Distribution in Workpiece under Ultrasonically Assisted Cutting Condition Hiromi Isobe, Nagaoka University of Technology, Japan
16:50~	Micro-burr formation mechanisms in ultra-precision cutting of amorphous alloys Ryuichi Kobayashi, Tohoku University, Japan	

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9:00-10:20		Session E : Room A	Session F : Room B
		<i>Chairman:Dr. Yilong Wang (Makino Milling Machine Co.,Ltd.)</i>	<i>Chairman: Prof. Ming Chen(Shanghai Jiao Tong University)</i>
9:00~	Micro-forming in Ultrafine-grained Materials	Xu Jie, Harbin Institute of Technology	Research on Micro-holes Position Accuracy on Drilling of Flexible Printed Circuit (FPC) Zheng Lijuan, Guangdong University of Technology
9:20~	On-machine measurement of micro diamond cutting tools with a force sensor integrated fast tool servo	Yuanliu Chen, Tohoku University, Japan	Ultraprecision machining of Single Crystal Calcium Fluoride and Development of high performance optical micro resonator Hiroi Kangawa, Keio University, Japan
9:40~	Research on Manufacturing Technology of Flexible Micro/Nano Structure	Deng Jinjun, Northwestern Polytechnical University	Size Effect in Micro-cutting He Ning, Nanjing university of aeronautics and astronautics
10:00~	Identification of elastic-plastic transition depth of tool-workpiece contact by molecular dynamics	Yindi Cai, Tohoku University, Japan	Study of crack generation process in scratching of gallium nitride(GaN) Yoshifumi Takasu, Tohoku University, Japan
10:20-10:50	Coffee break		
10:50-11:50		Session G : Room A	Session H : Room B
		<i>Chairman:Prof. Yasuhiro Kakinuma (Keio University)</i>	<i>Chairman: Prof. Julong Yuan (Zhejiang University of Technology)</i>
10:50~	Stability Analysis for Micro-Milling Nickelbase Superalloy Inconel 718 Process	Guo Xiaoguang, Dalian University of Technology	The General Post-processor with Optimized Radius Compensation and S-type Retrieved Interpolation Algorithm on Open-CNC System Zhou Xiaoyang, Harbin University of Science and Technology
11:10~	Fabrication of fine periodic surface structures by short pulsed laser	Masayoshi Mizutani, Tohoku University, Japan	Study on physical properties effect on mechanical property of LT material Wentong Lu, Ibaraki University, Japan
11:30~	Stress Waves in High-speed Cutting:Dynamic Photoelasticity Experiment & Mesoscale Simulation	Zhang Jun, Xi'an Jiaotong University	Ultrasonic Vibration Assisted Microforming Wang Chunju, Harbin Institute of Technology
11:50-12:50	Lunch		

Keynote Speech : 30 minutes

Speech : 15+5 minutes