



IC3MT 2022 Session Schedule

Session I Room A (November 12, 10:40-12:10)

ID	Paper Title	Authors	Time
40	Low tool wear cutting method using H ₂ O radical	Hiromichi Toyota, Ryoya Shiraishi, Hidekazu Goto, Xia Zhu, Yukiharu Iwamoto, Syoma Tamura	10:40-10:55
85	Cutting characteristics of BeCu and improvement of its machinability by Pb addition	Kosuke Sumiyoshi, Katsuhiko Sakai, Hiroo Shizuka, Koki Chiba, Hiromitsu Uchiyama	10:55-11:10
32	Relation of flow field of cutting edge and chip dispersal in CFRP drilling	Ryoto Yamada, Ryuta Kamiya, Keito Nagata, Lu Dewei, Takashi Inoue, Masahiro Hagino	11:10-11:25
18	Artificial intelligence-based modeling of kerf width and machining time in cutting n-type SiC wafer by wire electrical discharge machining	Muhamad Nur Rohman, Poh-Yang Cheng, Jung-Chou Hung, Jeng-Rong Ho, Pi-Cheng Tung, Chih-Kuang Lin	11:25-11:40
102	A rotating EDM electrode with a string-beads mechanism for the trimming of mold conformal cooling channels by additive manufacture	Albert Wen-Jeng Hsue, Yi-Da Pan	11:40-11:55

Session I Room B (November 12, 10:40-12:10)

ID	Paper Title	Authors	Time
134	Technical review of heterogeneous solutions for 2.5D and 3D VLSI packagings	Ching-Feng Chen	10:40-10:55
9	Development of an ionic liquid circulation system in a high-vacuum chamber	Takao Okabe, Kei Somaya	10:55-11:10
79	High stability roll angle measurement based on birefringence polarization interferometry	Wei-Chen Wong, Ching-Tse Hsu, Ju-Yi Lee	11:10-11:25
83	Efficiency analysis of light-emitting diodes for AlGaInP	Ching-Yen Ho, Wen-Chieh Wu	11:25-11:40



Session I Room C (November 12, 10:40-12:10)

ID	Paper Title	Authors	Time
17	Using Cu as the spacer to fabricate non-toxic TiZr-based BMG foams with customized porosity for bio-implant application	Po-Sung Chen, Yu-Chin Liao, Sin-Mao Song, Muhammad Jauharul Maqnun, Pei-Hua Tsai, Jason Shian-Ching Jang, Xavier Pei-Chun Wong, Van-Tai Nguyen	10:40-10:55
19	Microstructure and mechanical properties of lightweight Ti60Alx(VCrNb)40-x medium-entropy alloys	Po-Sung Chen, Wei-Tong Ye, Yu-Chin Liao, Sin-Mao Song, Pei-Hua Tsai, Jason Shian-Ching Jang, Ker-Chang Hsieh, Chih-Yen Chen, Jacob C. Huang, Hsin-Jay Wu, Yu-Chieh Lo, Chang-Wei Huang, I-Yu Tsao	10:55-11:10
47	Study of the mechanical properties of carbon-fiber composites composed of super-thin plies	Cheng-Yu Chen, Wen-Shyong Kuo	11:10-11:25
58	Fabrication of copper circuits on sapphire substrates by laser patterning and electroless deposition	Pei-Yu Chen, Jeng-Rong Ho	11:25-11:40
106	Impact of surface recombination on the efficiency of micro-light-emitting diodes	Quoc-Hung Pham, An-Chi Wei, Tzu-Chieh Hsu, Jyh-Rou Sze	11:40-11:55

Session I Room D (November 12, 10:40-12:10) Company session

ID	Paper Title	Authors	Time
SIMUTECH SOLUTION CORPORATION	Accelerating CAE Analysis with AI Technology	Shiu-Cheng Tsai, Tien-Hsing Ho	10:40-11:10
DARCAM TECH CO., LTD.	Efficient and intelligent manufacturing solutions	Ben Chou	11:10-11:40
FULL BRIGHT INDUSTRIAL SUPPLY CENTER	Multisensor chromatic focus probe - the new sensor for many measurement tasks	Danny Lee	11:40-12:10



Session II Room A (November 12, 14:00-15:30)

ID	Paper Title	Authors	Time
122	Application of meshfree boundary integral equation method to SH-wave scattering problems containing a cylindrical canyon of arbitrary shape	Jia-Wei Lee, Yu-An Chuang	14:00-14:15
123	Solutions of antiplane shear problems with a crack or a rigid line inclusion by using the indirect BIE	Jeng-Hong Kao, Ting-An Wu, Wen-Chen Tai, Yen-Ting Chou, Jeng-Tzong Chen	14:15-14:30
128	Study of 3D transient heat conduction in functionally graded materials using a local space-time collocation method	Der Liang Young, Amir Noorizadegan	14:30-14:45
130	Surface waves in piezoelectric-flexoelectric composite plates	Sonal Nirwal, Chih-Ping Lin, Ernian Pan	14:45-15:00
131	Applications of return-free integration to study on contraction ratios of stainless steel	Li-Wei Liu, Zih-Ce Ciou	15:00-15:15

Session II Room B (November 12, 14:00-15:30)

ID	Paper Title	Authors	Time
5	Effects of the oyster shell powder content on the properties of conventional and microcellular injection-molded polypropylene composites	Shyh-Shin Hwang	14:00-14:15
124	Study the fiber effect on the bubble growth in fiber reinforced microcellular injection molding	Jun-Zheng Wang, Le Ke, Chao-Tsai Huang, Shyh-Shin Hwang	14:15-14:30
127	Study on the individual factor contribution in RSM optimization for injection parts	Tsung-Han Wang, Chao-Tsai Huang, Wen-Ren Jong, Shia-Chung Chen, David Hsu, Rong-Yeu Chang	14:30-14:45
129	Integrated application, verification and learning of feature automatic recognition with time prediction for EDM and WEDM	Jing-Yi Fu, Wen-Ren Jong, Yu-Hung Ting, Zhe-Wei Zhou	14:45-15:00
138	The virtual metrology of artificial intelligence in the injection molding process	Kun-Cheng Ke, Ming-Shyan Huang	15:00-15:15



Session II Room C (November 12, 14:00-15:30)

ID	Paper Title	Authors	Time
6	Design of a smart workstation with scheduling system	Chin-Te Lin, Guo-Rui Zhu	14:00-14:15
8	Electropolishing research for stainless steel surface finishing under vacuum status	Hai-Ping TSUI, A-Cheng Wang, Biing-Hwa Yan, Chun-Hao Yang	14:15-14:30
110	Fabrication of hybrid micro/nano structures on titanium by vector femtosecond laser beam	Chung-Wei Cheng	14:30-14:45
140	An economical and stable single-pulse picker without additional nonlinear effect and dispersion	Chen-Wei Hu, Yu-Chieh Wen, Hung-Wen Chen	14:45-15:00
145	Fiber laser cutting of thin plates for foil springs and LiON conducting parts	Ching-Lang Chang, Bai-Chao Pan, Pei-Jen Wang	15:00-15:15

Session II Room D (November 12, 14:00-15:30)

ID	Paper Title	Authors	Time
78	Measurement of the refractive index of lenses from the maximum phase difference of the total-internal reflection with a polarization camera	Yue-Jhe Tsai, You-Jun Lin, Chia-Yu Chiang, Ju-Yi Lee	14:00-14:15
114	Heterodyne light source generation by moving grating with various grating pitch under various moving speed	Yi-Ming Lu, Ke-Cheng Huang, Cheng-Chih Hsu	14:15-14:30
116	Measurement of the focal length of simple lenses by Moiré technique	Chen-Hsin Tu, Jun-Ming Bai, Jing-Heng Chen	14:30-14:45
121	Optimized wavelength selection of asymmetric diffraction-based overlay target with improved overlay calculation model and finite-difference time-domain simulation	Hung-Chih Hsieh, Chien-Cheng Tseng, Meng-Rong Wu, Hseng-Hsuan Wu	14:45-15:00
125	Development of a linear encoder based on double-diffraction optical design	Hung-Lin Hsieh, Cheng-Yu Chung	15:00-15:15



Session III Room A (November 12, 15:50-17:20)

ID	Paper Title	Authors	Time
44	Research on the development of high controllable gas-mixing device for gas-mixed electrochemical machining	Po-Jen YANG, Jung-Chou Hung	15:50-16:05
144	Buckingham's pi applied in high non-linear microbial fuel cells	Chin-Tsan Wang	16:05-16:20
20	Fatigue analysis of monopile foundation for offshore wind turbine	Yi-Syuan Lee, Yi-Mei Huang, Chih-Kuang Lin, Chen-Ping Ho, Sin-Hau Chiu, Chin-Wei Liu	16:20-16:35
91	Strength and fatigue analysis of cracks in the foundation of an offshore wind turbine	Chun-Hao Wu, Chih-Kuang Lin, Yi-Mei Huang	16:35-16:50
133	Economic comparative analysis of floating photovoltaic systems using a synthesis approach	Ching-Feng Chen	16:50-17:05
24	Fabrication of high-quality micro-shape on monocrystalline diamond surface by nanosecond pulsed laser and acid cleaning	Tsubasa Okubo, Yasuhiro Okamoto, Akira Okada	17:05-17:20

Session III Room B (November 12, 15:50-17:20)

ID	Paper Title	Authors	Time
62	Towards the realization of an integral electronics piezoelectric jerk sensor	Yu-Sheng Lu, Wei-Chun Tseng, Liang-Hao Chen	15:50-16:05
29	Chemical reaction and activation energy on heat and mass transfer for convective flow in a porous medium	Jian-Sheng Huang, Xiang-Wei Wang	16:05-16:20
57	Soret and Dufour effects on MHD Darcian mixed convection heat and mass transfer phenomena in a porous chemical reactive system	Jian-Sheng Huang, Xiang-Wei Wang	16:20-16:35
50	Simulation and optimization of thermal characteristics of perovskite light emitting diode	An-Chi Wei, Shao-Wei Chu, Jyh-Rou Sze	16:35-16:50
12	A research on the enhancing of the formability of stainless steel sheet SUS304 by multistage single point incremental sheet forming (MSPIF) technology	Lê Khanh Dien	16:50-17:05



Session III Room C (November 12, 15:50-17:20)

ID	Paper Title	Authors	Time
82	Highly-scaled ferroelectric negative capacitance transistor	Chien Liu, Hsuan-Han Chen, Ruo-Yin Liao, Kuan-Hsiang Lin, Wei-Ting Chen, Pei-Tien Chen, Cun-Bo Liu, Kai-Yang Huang, Hsiao-Hsuan Hsu, Chun-Hu Cheng	15:50-16:05
109	Feasibility study of multi-layer CFRP press molding method	Tanatat Thangkasemvathana, Yuki Nishimura, Emir Yilmaz, Hidetake Tanaka	16:05-16:20
86	Characteristics and photocatalysis of titanium dioxide prepared by picosecond laser	Yi-Wei Lai, Yi-Wei Huang, Chin-Ming Cheng, Tun-Chien Teng	16:20-16:35
71	Analysis of embedded systems designed with time-sharing for multiple tasks	Gao-Wei Chang	16:35-16:50
15	New-type evaluation method for solidification cracking susceptibility	Hsing-Ying Liu, Shao-Wei Yang, Jeong-Won Choi, Motomichi Yamamoto, Chih-Kuang Lin	16:50-17:05
105	A three-dimensional numerical model of flexible micro-LEDs	Quoc-Hung Pham, An-Chi Wei, Tzu-Chieh Hsu, Jyh-Rou Sze	17:05-17:20

Session III Room D (November 12, 15:50-17:20)

ID	Paper Title	Authors	Time
70	Identify impact force history on cantilever plates using transient responses based on vibration characteristics	Pei-Hsi Lin, Jen-Wei Leu, Yu-Kai Liu, Chan-Yi Liao	15:50-16:05
49	Fracture toughness of selective laser melted and conventionally fabricated martensitic stainless steel	Chong-Ming Jiang, Pi-Cheng Tung, Jeng-Rong Ho, Chih-Kuang Lin	16:05-16:20
119	A preliminary study for the dynamic analyses of layered composite beams based on the higher-order refined zigzag theory	Bing-Feng Huang	16:20-16:35



Session IV Room A (November 13, 10:40-12:10)

Student paper competition

ID	Paper Title	Authors	Time
139	Robust ESD ability of high voltage nLDMOSs with drain-side adding Schottky/STI	Yu-Jie Chung, Shen-Li Chen, Xing-Chen Mai, Xiu-Yuan Yang, Ting-En Lin	10:40-10:55
33	Research on breakage detection based on the breakage mechanism of small-diameter drills (online)	Tianhong Xie, Tatsuki Otsubo, Atsuhiko Koyama, Tomonori Kato, Riku Yamashita, Vanisara Kaewnamchai, Takatori Yazawa	10:55-11:10
1	Study of foaming morphology in microcellular injection molded TPU/MWCNT composites under gas counter pressure	Chen-Yuan Chung, Yu-Min Huang, Siang-Sian Lin	11:10-11:25
45	Research on the manufacturing method and characteristics of nano-copper fiber yarn	Jin-De Lee, Jun-Xiong Qiu, Jung-Chou Hung, Shing-Shun Lee, Liang-Cheng Su, Wei-Hao Lee	11:25-11:40
132	Encoding mass matrix of biped robot system in Cholesky decomposed form using deep neural networks	Shih-Ming Wang, Chia-Wen Tsao	11:40-11:55

Session IV Room B (November 13, 10:40-12:10)

ID	Paper Title	Authors	Time
104	A method to derive laser-cutting conditions based on drilling performance considering perforation speed ratio	Yoshiki Nagano	10:40-10:55
			10:55-11:10
48	Experimental investigation gas-assisted jet plasma electrolytic polishing	Wen-Chieh Wu, Zhi-Wen Fan, Hung Yi Chen, Chen hui Chang, Yi Kai Chen, Tzu-Hong Chen, Mei-Yi Liu	11:10-11:25
38	Study of diamond deposition process on steel using in-liquid plasma CVD	Ryoya Shiraishi, Hiromichi Toyota, Hidekazu Goto, Xia Zhu, Yukiharu Iwamoto, Kosuke Okamoto	11:25-11:40
30	Study on material deformation and residual stress after face milling	Ryuta Kamiya, Keito Nagata, Ryoto Yamada, Lu Dewei, Takashi Inoue, Masahiro Hagino	11:40-11:55
13	Analysis and design bamboo powder cooling machine into modules	Chau Minh Quang, Le Anh Chuong, Nguyen Thanh Nam, Tran Van Hung	11:55-12:10



Session IV Room C (November 13, 10:40-12:10)

Student paper competition

ID	Paper Title	Authors	Time
108	Machine learning for multi-stage laser forming-application of convolutional neural network for scanning path prediction	Ping Hsien Chou, Shota Wada, Keiji Yamada, Eisuke Sentoku, Ryutaro Tanaka, Katsuhiko Sekiya	10:40-10:55
42	Closed-loop topology modification on gear tooth flanks considering both dressing and honing processes for internal-meshing gear honing	Duy-Khuong Vu, Yu-Ren Wu	10:55-11:10
23	Influence of dielectric oil resistivity on wire EDM characteristics (online)	Shixian Liu, Akira Okada, Tomohiko Kitamura	11:10-11:25
43	A correction model for generating precision grinding stock on tooth flanks of skived gears	Trong-Thuan Luu, Yu-Ren Wu	11:25-11:40
25	Investigation on mechanism of edge shape change in large-area EB irradiation by thermo-fluid analysis	Hibiki Tajima, Togo Shinonaga, Akira Okada	11:40-11:55

Session IV Room D (November 13, 10:40-12:10)

ID	Paper Title	Authors	Time
75	Experimental investigations the effect of particle shapes on granular segregation in a rotating drum	Wei-Chen Liao, Chun-Chung Liao, Jhao-Wei Tseng	10:40-10:55
87	Root cause diagnosis of bearing faults based on a nonlinear granger causality test	Shuen De Wu	10:55-11:10
26	Numerical investigation of bearing characteristics of a hydrostatic thrust bearing with a flow-control restrictor using a bending beam	Kei Somaya, Takao Okabe	11:10-11:25
92	Mechanical and motion behavior of a projectile impacting a cylindrical granular bed: DEM experimental validation	Yun-Chi Chung, Mu-Ho Lin, Chao-Pu Jiang	11:25-11:40

Company session Room B (November 13, 12:10-14:00) Lunch time

ID	Paper Title	Authors	Time
TAIWAN AUTO-DESIGN CO.	Using Ansys ACT technology to perform LS-DYNA multi-stage forging analysis	Sheng-Chieh Kang	12:20-13:00
FU SHENG INDUSTRIAL CO., LTD.	The product development of fluid machinery under ESG trends	Yi-Chao Huang, Wen-Kai Lin	13:10-13:50



Session V Room A (November 13, 14:00-15:30)

Online presentation

ID	Paper Title	Authors	Time
10	Edge treatment by tip burnishing process with an active rotary tool (online)	Masato Okada, Seito Yoshita, Makoto Nikawa, Naho Hasegawa	14:00-14:15
63	A study on prototype of end mill for ultra-high pressure coolant supplying from flank surface side using fluid simulation (online)	Jingtian Mao, Hiroshi Usuki, Sho Morita, Chikara Morigo, Yusuke Morigo, Shinji Yukinari	14:15-14:30
72	Investigation of tool wear during turning of Ti-6Al-4V alloy using air blow (online)	Suisheng Huang, Hiroshi Usuki, Sho Morita	14:30-14:45
73	Micro-grooving characteristics of hard and brittle materials using electroplated diamond wire tools (online)	Jiali Dai, Yusuke Nakamura, Satoshi Sakamoto, Yasuo Kondo, Kenji Yamaguchi	14:45-15:00
7	A study on the cutting performance of boring bar manufactured by metal additive manufacturing (online)	Yu Chen, Takekazu Sawa	15:00-15:15
64	Mechanical design using open-source software (eigenvalue analysis by parameter study) (online)	Takeshi Gonda, Masaki Yakabe, Yasutaka Hayamizu, Shin-ichi Morita, Toshihiko Kawabe, Kento Nishinaka	15:15-15:30
115	Thermal characteristics of rotating shaft of table for 5-axis control machining center (online)	Shingo Kajikawa, Sho Morita, Hiroshi Usuki	15:30-15:45

Session V Room B (November 13, 14:00-15:30)

ID	Paper Title	Authors	Time
21	Quality optimization of bio-scaffolds fabricated by 3D printing	Chien-Yuan Lin, Chi-Chiu Chen, Chao-Yaug Liao, Jeng-Rong Ho, Chin-Te Lin	14:00-14:15
4	Effect of the fiber concentration on the quality of the plastic injection molding product	Tran-Phu Nguyen, Huy-Bich Nguyen, Thanh-Long Le	14:15-14:30
53	Co-shaft in-situ rolling-imprinting technique for printing of silver micro-nanowire array	Chien-Ta Huang, Shun-Tong Chen	14:30-14:45
76	Development of smartphone controlled functional fluidic system integrated 3D printing and ultrafast laser techniques	Hung-Chih Chen, Song-Pu Huang, Chia-Hua Chen, Tien-Li Chang	14:45-15:00
81	Inspection of blind hole on transparent material, using shape from focus	Chen-Han Chuang, Kuo Yu Cheng, Ju-Yi Lee	15:00-15:15
65	A research on the simulation of the mechanism of stepping processes of humanoid robot	Lê Khanh Dien, Cai Viet Anh Dung, Huynhh Long Triet Giang	15:15-15:30



Session V Room C (November 13, 14:00-15:30)

Online presentation

ID	Paper Title	Authors	Time
74	Investigation of behavior of abrasive grains in superfinishing (online)	Yi Zhang, Kohei Muta, Kaito Yamada, Takashi Onishi, Kazuhito Ohashi	14:00-14:15
31	Measurement path calculation method for high-precision on-machine measurement (online)	Lin Gao, Tatsuki Otsubo, Takanori Yazawa	14:15-14:30
41	Basic study on developing high-strength and low-cost wooden flat pallets (online)	Xia Zhu, Akira Ochi, Hiromichi Toyota, Yukiharu Iwamoto, Ryoya Shiraishi, Daiki Ito	14:30-14:45
16	Modified smith predictor with a self-tuning PID-type fuzzy logic controller for linear systems with small time delays (online)	Dinh-Tu Nguyen, Pi-Cheng Tung, Jeng-Rong Ho, Chih-Kuang Lin	14:45-15:00
59	Swing up control of the Pendubot with restricted actuator movement angle using energy-based methods (online)	Dai Kinoshita, Koichi Otsuka, Itaru Matsumoto	15:00-15:15
60	Swing up control of the Pendubot with elbow joint extended using energy-based methods (online)	Dai Kinoshita, Masato Uchida, Itaru Matsumoto	15:15-15:30

Session V Room D (November 13, 14:00-15:30)

ID	Paper Title	Authors	Time
89	Influence of process parameters on the joining characteristics and corrosion resistance of pure titanium by friction stir welding	Chin-Pao Cheng, Wen-Han Chang, Ho-Kang Lin	14:00-14:15
107	Numerical analysis of influence of carrier gas selection on flow field, thermal field and reaction path in AIN MOCVD process	Wei-Jie Lin, Jyh-Chen Chen	14:15-14:30
126	ESD-immunity impacts of high-voltage nLDMOS with RESURF structures in the drain-side drift region	Xing-Chen Mia, Shen-Li Chen, Xiu-Yuan Yang, Ting-En Lin, Yu-Jie Chung	14:30-14:45
135	Fabrication of nanoporous Zn-Ni alloy columns with low hydrogen evolution overpotential by microanode-guided electroplating	Yao-Tien Tseng, Chun-Yao Wang, Jing-Chie Lin, Russell Clemente, Yean-Ren Huang, Shou-Yi Chang	14:45-15:00
111	A positioning method for surgical instrument with YOLOv4 network and LiDAR camera	Kuan-Hui Li, Chao-Yaug Liao	15:00-15:15



Session VI Room A (November 13, 15:50-17:20)

ID	Paper Title	Authors	Time
27	Effect of stacking height dependence of hardness on machinability in X30Cr13 stainless steel prepared by selective laser melting	Koto Miyamoto, Katsuhiko Sakai, Hiroo Shizuka, Takahiro Komatsu, Shinji Sakamoto	15:50-16:05
52	A high-frequency electromagnetic stamping system for high-throughput stamping of microdimples	Po-An Lin, Chao-Jung Chiang, Shun-Tong Chen	16:05-16:20
88	Microstructure and mechanical properties of friction stir welding of AA7075 aluminum alloy and Ti-6Al-4V alloy	Chin-Pao Cheng, Yuan-Kai Cheng, Che Yu Shen	16:20-16:35
84	Effects of forward current and junction temperature on light-output power of light-emitting diodes	Ching-Yen Ho, Wen-Chieh Wu	16:35-16:50
103	Development of a novel combined process with cutting and joining by an automatic lathe	Hidetake Tanaka	16:50-17:05
39	The shape of the built-up-edges in the width direction	Kazuhide Shimatani, Yasumasa Kuroda, Katsuhiko Sekiya, Ryutaro Tanaka, Keiji Yamada	17:05-17:20

Session VI Room B (November 13, 15:50-17:20)

ID	Paper Title	Authors	Time
80	Deep learning neural network for PCB defect classification	Bor-Sheng Huang, Han-Kuang Tseng, Ju-Yi Lee	15:50-16:05
94	Dynamic measurement of liquid density and viscosity using machine learning	Chih-Ang Chung, Wei-Xu Cai, Han-Xiang Li	16:05-16:20
142	DEM simulation of charging HBI particle in a bell-less type charging system of a blast furnace	Guan-Lin Chen, Li-Tsung Sheng, Shih-Hao Chou, Shu-San Hsiao	16:20-16:35
93	A intelligent robot for cherry tomato harvesting	Wei-Yuan Lien, Chun-Ta Chen	16:35-16:50



Session VI Room C (November 13, 15:50-17:20)

ID	Paper Title	Authors	Time
136	Ni-W-Zn alloys produced via microanode guided electroplating (MAGE) and hydrogen production in 1.0 M KOH	Jing-Chie Lin, Chin Huang, Yao-Tien Tseng, I-yu Tsao, Jason Shian-Ching Jang, Yean-Ren Huang, Shou-Yi Chang	15:50-16:05
118	Research on the application of co-foaming agent to supercritical micro-foam injection molding to make breathable materials	Shia-Chung Chen, Yan-Jiun Liu, Han-Yu Chen	16:05-16:20
67	A novel electrochemical/mechanical exfoliation process for mass production of few-layer graphene using unique surfactants solution	Chun-Kai Huang, Zi-Ying Chen, Shih-Feng Tseng, Chii-Rong Yang	16:20-16:35
112	Via single-source vacuum deposition to fabricate high performance CsPbBr ₃ quantum dots film	Chia-Hua Chan, Kuan-Chi Yeh	16:35-16:50

Session VI Room D (November 13, 15:50-17:20)

ID	Paper Title	Authors	Time
2	Exact optimization: a status report	Li-Gang Lin, Yeu-Tian Chen	15:50-16:05
66	Based on PID controller architecture combination adaptive neural network for a 6-DOFs robotic arm	Mei-Yung Chen, Meng-Chien Wu	16:05-16:20
113	ZK-type worm grinding and human machine interface for a CNC worm grinding machine	Guo-Sin Ye, Yi-Cheng Chen	16:20-16:35
37	Interpolation prediction for grinding wheel decision support system using random forest	Yuta Watanabe, Hiroyuki Kodama, Kazuhito Ohashi	16:35-16:50
51	A study of rotating abrasive flow machining in the circular holes polishing	A-Cheng Wang, Ken-Chuan Cheng, Kuan-Yu Chen, Cheng-Chin Chien	16:50-17:05