Room A | Room B | Room C | Room D
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10:00 | Registration |
10:00 | Opening ceremony |
10:30 | Plenary lecture 1 |
10:45 | Coffee break |
11:00 | 10:31 Assembly sequence planning for control panel with flexible wiring components |
11:20 | 11:01 Visualization of Thickness of 3D Object Using Abrasive Machining Resin Organ Models by Utilizing 3-Axis CNC Tools with an Idling Reduction System at a Feed Rate |
12:00 | 11:26 Estimation of machining accuracy under constant feed rate based on milling point with a five axis controlled machining center |
12:40 | 12:06 Grinding characteristics of Ni-Co-Cr-Mo Alloy with the coolant supplying from inner side of grinding wheel |
13:20 | 12:47 Influence of machining conditions in turning- dimensional cutting of iron-based amorphous foil |
14:00 | 13:27 Influence of machining conditions in turning- characteristics on Reverse Finishing of 0.45%C Steel Characteristics on Reverse Finishing of 0.45%C Steel |
14:40 | 14:08 Experimental investigation on the effect of machining conditions based on estimation of internal servo information |
15:20 | 14:49 Improvement of geometrical accuracy of industrial robots by automatized parameter estimation |
16:00 | 15:30 Rapid study of in-feed control for turning using a slender grinding wheel using a micro thermal sensor head for precision positioning |
16:20 | 16:01 Estimation of tool wear evolution on the surface roughness of gear in power transmission |
16:40 | Lunch |
17:00 | 16:26 A Machine Tuning Method for High Precision Machining Accuracy by Modified CL-data estimation for a pipe traveling robot |
17:20 | 17:01 An Investigation on Machining Performance of Impulse-driven Capsule for Medical Inspection Practical application of estimation of internal servo information |
17:40 | 17:27 Effect of Concave Shape on Absorption Rate and Molten Volume in Micro-welding of Copper by Pulsed Nd:YAG Laser |
18:00 | 17:48 Improvement of groove machining characteristics of CFRP with fiber laser based on contour accuracy analysis and Notch of a Single-crystal Silicon Wafer Pulsed Nd:YAG Laser and Molten Volume in Micro-welding of Copper by Pulsed Nd:YAG Laser |
18:20 | 18:09 A novel nano particle characterizing method using a novel nano particle micro array |
18:40 | 18:29 Improvement of Simultaneous 5-axis Controlled positioning based on CAD |
19:00 | 18:49 Evaluation of tool wear evolution on the surface roughness of gear in power transmission |
19:20 | 19:08 Characteristic Impedance of Abrasive Machining Resin Organ Models by Utilizing 3-Axis CNC Tools with an Idling Reduction System at a Feed Rate |
20:00 | 19:49 Development of Laser Cladding System to Enlarge Heat and Mach of a Single-crystal Silicon Roller by Electro-conductive Diamond Tool |
20:20 | 20:08 High-temperature Grinding of Deep-Grinding |
21:00 | 20:38 Improvement of Shape Accuracy in Grinding Based on Electroplated Polishing Pad |
21:20 | 21:18 A Machine Tuning Method for High Precision Machining Accuracy by Modified CL-data estimation for a pipe traveling robot |
21:40 | 21:39 Improvement of geometrical accuracy of industrial robots by automatized parameter estimation |
22:00 | 22:19 Experimental investigation on the effect of machining conditions based on estimation of internal servo information