

**August 29, 2012 (Wednesday)**

|               |   |
|---------------|---|
| 08:30 ~ 09:30 | Registration  |
| 09:30 ~ 11:00 | Opening Ceremony                                    |
| 11:10 ~ 12:00 | Keynote Speech (I)<br>Room 401                      |
| 12:00 ~ 13:00 | Lunch   |
| 13:00 ~ 14:40 | Forum on the Development of Intelligent Robots 2012 |
| 14:40 ~ 15:00 | Coffee Break  |
| 15:00 ~ 16:40 | Panel Discussion                                    |
| 16:40 ~ 19:00 | Welcome Reception                                   |

**August 30, 2012 (Thursday)**

| Time          | Room | 402a   | 402b   | 402c   | 403   | 404  | 501  | 502  | 503 | 504(b)                          |
|---------------|------|--|--|--|---|--|--|--|-----|---------------------------------|
|               |      | THA1   | THA2   | THA3   | THA4  | THA5   | THA6   | THA7   |     | PTF1                            |
| 08:20 ~ 10:00 |      | Advanced Motion Control for Mobile Robots<br>1030<br>1033<br>1059<br>1126<br>1240          | Soccer Robots<br>1195<br>1196<br>1197<br>1198<br>1199  | Autonomy of Mobile Robots in Unstructured Environments<br>1074<br>1136<br>1139<br>1140<br>1141<br>1020<br>1037<br>1057<br>1128<br>1237 | Mobile and Wall-climbing Robots<br>1074<br>1136<br>1139<br>1140<br>1141 | Service and Humanoid Robots<br>1004<br>1105<br>1108<br>1026<br>1058            | Robot Vision (I)<br>1050<br>1053<br>1100<br>1159<br>1187                         | Mobile Robots (I)<br>1049<br>1064<br>1003<br>1036<br>1041  |     | Product & Technology Forum (I)  |
| 10:00 ~ 10:30 |      | Coffee Break   |  |  |   |  |  |  |     |                                 |
| 10:30 ~ 11:30 |      | Keynote Speech (II)<br>Room 402  |  |  |   |  |  |  |     |                                 |
| 11:30-13:00   |      | Lunch  |  |  |   |  |  |  |     |                                 |
| 13:00 ~ 14:40 |      | THB1   | THB2   | THB3   | THB4  | THB5   | THB6   | THB7   |     | PTF2                            |
|               |      | Design and Applications of Human-Robot Interaction<br>1031<br>1096<br>1102<br>1114<br>1127 | Agricultural Robotics<br>1208<br>1230<br>1231<br>1232<br>1233  | Interactive Robotics<br>1076<br>1084<br>1095<br>1107<br>1143   | Robotics Technology<br>1071<br>1078<br>1080<br>1149<br>1167             | Emerging Technology & New Applications<br>1035<br>1077<br>1027<br>1117<br>1092 | Vision and Automation Technology<br>1070<br>1081<br>1087<br>1104<br>1133<br>1169 | Mobile Robots (II)<br>1044<br>1052<br>1120<br>1106<br>1072 |     | Product & Technology Forum(II)  |
| 14:40 ~ 15:00 |      | Coffee Break   |  |  |   |  |  |  |     |                                 |
| 15:00 ~ 16:40 |      | THC1   | THC2   | THC3   | THC4  | THC5   | THC6   | THC7   |     | PTF3                            |
|               |      | Robot Assembly Technologies<br>1073<br>1075<br>1113<br>1123<br>1134                        | Plastics Mold and Molding Operated with Intelligent Communication Technology<br>1209<br>1210<br>1211<br>1212<br>1213 | Navigation & Control (I)<br>1168<br>1170<br>1205<br>1234<br>1039   | AOI in Industry Application<br>1194<br>1200<br>1203<br>1204<br>1235     | Industry Robots<br>1012<br>1122<br>1174<br>1246<br>1067                        | Robot Vision (II)<br>1161<br>1177<br>1178<br>1181<br>1218                        | Educational Robots<br>1038<br>1021<br>1045<br>1062<br>1173 |     | Product & Technology Forum(III) |
| 18:00 ~ 21:00 |      | Gala Dinner  |  |  |   |  |  |  |     |                                 |

**August 31, 2012 (Friday)**

| Time          | Room | 402a                     | 402b                          | 402c                      | 403                        | 404                   | 501                           | 502           | 503                      | 504(b)               |
|---------------|------|--------------------------|-------------------------------|---------------------------|----------------------------|-----------------------|-------------------------------|---------------|--------------------------|----------------------|
|               |      | FRA1                     | FRA2                          | FRA3                      | FRA4                       | FRA5                  | FRA6                          | FRA7          | CSW1                     | PTF4                 |
| 08:20 ~ 10:00 |      | Intelligent Die and Mold | Applications of Precision and | Navigation & Control (II) | Intelligent Automation (I) | Modelling, Simulation | Intelligent Automatic Optical | Mobile Robots | Cross-Strait Workshop on | Product & Technology |

|               |  |  |  |   |   |  |  |   |                                     |  |   |                                      |  |  |
|---------------|--|--|--|---|---|--|--|---|-------------------------------------|--|---|--------------------------------------|--|--|
|               | 1131<br>1132<br>1135<br>1150<br>1166<br>1250                                     | Agile System<br>1042<br>1224<br>1225<br>1226<br>1227<br>1228   | 1034<br>1086<br>1109<br>1191<br>1138                                       | 1016<br>1018<br>1028<br>1147<br>1148  | and Control<br>(I)<br>1005<br>1010<br>1013<br>1017<br>1019                              | Inspection<br>1099<br>1145<br>1146<br>1151<br>1215   | (III)<br>1121<br>1163<br>1176<br>1032<br>1085                                      | Robotics                                | Forum(IV)                           |  |   |                                      |  |  |
| 10:00 ~ 10:30 | Coffee Break   |  |  |   |   |  |  |   |                                     |  |   |                                      |  |  |
| 10:30 ~ 11:30 | Keynote Speech (III)<br>Room 402   |  |  |   |   |  |  |   |                                     |  |   |                                      |  |  |
| 11:30-13:00   | Lunch  |  |  |   |   |  |  |   |                                     |  |   |                                      |  |  |
| 13:20 ~ 14:40 | FRB1   | FRB2   | FRB3   | FRB4  | FRB5  | FRB6   | FRB7   | CSW2                                    | PTF5                                |  |   |                                      |  |  |
|               | Robotics<br>Challenge for<br>Real Issues<br>1172<br>1175<br>1183<br>1185<br>1190 | Intelligent<br>Rehabilitation<br>Robots and<br>Systems<br>1103<br>1142<br>1160<br>1165<br>1219         | Human-<br>Robot<br>Interaction (I)<br>1207<br>1220<br>1222<br>1236<br>1223 | Intelligent<br>Automation (II)<br>1093<br>1119<br>1158<br>1217<br>1241      | Modelling,<br>Simulation<br>and Control<br>(II)<br>1047<br>1098<br>1216<br>1238<br>1239 | Intelligent<br>Semiconductor<br>Manufacturing and<br>Equipment<br>1153<br>1154<br>1155<br>1156<br>1157 | Motion<br>Planning<br>And System<br>Design<br>1011<br>1088<br>1046<br>1206<br>1110 | Cross-Strait<br>Workshop<br>on Robotics | Product &<br>Technology<br>Forum(V) |  |   |                                      |  |  |
|               | 14:40 ~ 15:00  |  |  |   |   |  |  |   |                                     |  |   |                                      |  |  |
|               | 15:00 ~ 16:40  | FRC1   | FRC2   | FRC3  |   |  |  |   |                                     |  | CSW3                                    | PTF6                                 |  |  |
|               |  | Industrial Robot<br>Applications and<br>Design<br>Optimization<br>1083<br>1116<br>1124<br>1130<br>1137 | Entertainment<br>Robots<br>1063<br>1065<br>1066<br>1068                    | Human-<br>Robot<br>Interaction (II)<br>1090<br>1111<br>1112<br>1115<br>1188 |   |  |  |   |                                     |  | Cross-Strait<br>Workshop<br>on Robotics | Product &<br>Technology<br>Forum(VI) |  |  |
|               |  | 16:40 ~ 19:00  |  |   |   |  |  |   |                                     |  |   |                                      |  |  |
|               |  | Farewell Party   |  |   |   |  |  |   |                                     |  |   |                                      |  |  |