

## IEA/AIE 2025 Program Outline

|                                                              |                                       |        |        |                                    |                            |        |        |                                                                     |                                  |        |        |                                                         |                  |        |        |
|--------------------------------------------------------------|---------------------------------------|--------|--------|------------------------------------|----------------------------|--------|--------|---------------------------------------------------------------------|----------------------------------|--------|--------|---------------------------------------------------------|------------------|--------|--------|
| <b>Important:</b>                                            |                                       |        |        | <b>Yellow is for North America</b> |                            |        |        | Each symbol represents (Paper ID)-(Category)                        |                                  |        |        | Regular papers: 25 min presentation and 5 min questions |                  |        |        |
| All times are according to Japan Standard Time (JST), UTC +9 |                                       |        |        | <b>Green is of EU</b>              |                            |        |        | Red symbols are short papers,<br>* Paper ID is online presentation. |                                  |        |        | Short papers: 15 min presentation and 5 min questions   |                  |        |        |
| July 1st (TUE)                                               |                                       |        |        | July 2nd (WED)                     |                            |        |        | July 3rd (THU)                                                      |                                  |        |        | July 4th (FRI)                                          |                  |        |        |
| Program                                                      | ROOM A                                | ROOM B | ROOM C | Program                            | ROOM A                     | ROOM B | ROOM C | Program                                                             | ROOM A                           | ROOM B | ROOM C | Program                                                 | ROOM A           | ROOM B | ROOM C |
| 9:00-9:30                                                    | Registration                          |        |        | 9:00-9:30                          | Registration               |        |        | 9:00-9:30                                                           | Registration                     |        |        | 9:00-9:30                                               | Registration     |        |        |
| 9:30-10:00                                                   | Opening                               |        |        | 9:30-11:00                         | 6-P                        | 23-A   | 102-M  | 9:30-11:00                                                          | 31-G                             | 3-D    | 63-H   | 9:30-11:00                                              | *100-I           | 61-G   | *97-J  |
| 10:00-11:00                                                  | Keynote: Prof. Enrique Herrera-Viedma |        |        |                                    | 78-P                       | 32-A   | *117-M |                                                                     | 60-G                             | 95-D   | 113-H  |                                                         | *116-I           | 51-M   | 25-J   |
|                                                              |                                       |        |        |                                    | 83-P                       | *44-A  | 2-N    |                                                                     | 18-G                             | 89-N   | 47-H   |                                                         | 10-I             | 107-J  | 27-J   |
| 11:00-11:30                                                  | Break                                 |        |        | 11:00-11:30                        | Break                      |        |        | 11:00-11:30                                                         | Break                            |        |        | 11:00-11:30                                             | Break            |        | 28-J   |
| 11:30-12:30                                                  | 14-O                                  | 52-F   | *26-E  | 11:30-12:30                        | 72-O                       | 30-K   | 4-N    | 11:30-12:30                                                         | Keynote: Prof.Hector Perez-Meana |        |        | 11:30-12:30                                             | 17-I             | *79-M  |        |
|                                                              | 96-P                                  | 53-F   | 40-E   |                                    | 123-P                      | 71-K   | 29-N   |                                                                     |                                  |        |        |                                                         | 42-I             | 20-D   |        |
| 12:30-14:00                                                  | Lunch break                           |        |        | 12:30-14:00                        | Lunch break                |        |        | 12:30-14:00                                                         | Lunch break                      |        |        | 12:30-13:00                                             | Closing ceremony |        |        |
| 14:00-15:30                                                  | 81-O                                  | 56-F   | 5-C    | 14:00-15:30                        | 124-P                      | 22-L   | *57-C  | 14:00-15:30                                                         | 19-G                             | 59-N   | 67-M   |                                                         |                  |        |        |
|                                                              | 101-O                                 | 111-F  | 8-C    |                                    | 125-P                      | 54-L   | 76-C   |                                                                     | 38-G                             | 70-N   | 13-M   |                                                         |                  |        |        |
|                                                              | 115-O                                 | *104-B | 45-C   |                                    | 84-N                       | 109-L  | 110-C  |                                                                     | 105-I                            | 74-N   | 65-M   |                                                         |                  |        |        |
| 15:30-16:00                                                  | Break                                 |        |        | 15:30-16:00                        | Break                      |        |        | 15:30-16:00                                                         | Break                            |        |        |                                                         |                  |        |        |
| 16:00-17:30                                                  | 121-O                                 | 16-B   | 82-G   | 16:00-17:00                        | Keynote: Prof.Volker Gruhn |        |        | 16:00-17:30                                                         | 122-I                            | 49-G   | *66-M  |                                                         |                  |        |        |
|                                                              | 93-O                                  | 35-B   | *15-E  |                                    |                            |        |        |                                                                     | 80-P                             | *75-E  | 7-M    |                                                         |                  |        |        |
|                                                              | 114-A                                 | 11-B   | *73-E  | 17:10-18:10                        | Bus tour                   |        |        |                                                                     | 37-P                             | 92-E   | 62-J   |                                                         |                  |        |        |
|                                                              |                                       |        |        | 18:30-20:30                        | Banquet                    |        |        |                                                                     |                                  |        |        |                                                         |                  |        |        |

| Category |                                      |  |                                                                       |
|----------|--------------------------------------|--|-----------------------------------------------------------------------|
| A        | Reinforcement Learning               |  | I Computer Vision                                                     |
| B        | Optimization                         |  | J Robotics                                                            |
| C        | Natural Language Processing          |  | K Education                                                           |
| D        | Multi-Agent                          |  | L Cyber Security                                                      |
| E        | Machine Learning and Decision Making |  | M Healthcare and Medical Applications                                 |
| F        | Knowledge Representation             |  | N Advanced Applied Intelligence Methodologies and Applications(AAIMA) |
| G        | Data Engineering                     |  | O Intelligent Systems and e-Applications (iSeA)                       |
| H        | Large Language Model                 |  | P Industrial and Engineering Applications                             |