

CLICK ON TEXT IN THE TABLE TO SEE THE DETAILED SCHEDULE OF EACH EVENT!

## MONDAY 12 JUNE 2017

| Lecture Hall (seats) | RunAn (449)   | Palmstedt (270) | Scania (80)                       | Catella (30)                          | Ascom (30)                                | Valdemar (30) | Board room (30) |
|----------------------|---|-----------------|-----------------------------------|---------------------------------------|---|---------------|-----------------|
| 08:00-09:00          | REGISTRATION  |                 |                                   |                                       |   |               |                 |
| 09:00-09:15          | OPENING CEREMONY - Plenum - RunAn – STEFAN BENGTTSSON, Chalmers President                           |                 |                                   |                                       |   |               |                 |
| 09:15-10:00          | KEYNOTE 1 - Plenum- RunAn - THE BIOSEMIOTIC EMERGENCE OF REFERENTIAL INFORMATION<br>TERRENCE DEACON |                 |                                   |                                       |   |               |                 |
| 10:00-10:30          | COFFEE/TEA  |                 |                                   |                                       |   |               |                 |
| 10:30-11:00          |   |                 | S-Theoretical Information Studies | S-Morphological computation-cognition | W – DTMD Difference that makes difference |               |                 |
| 11:00-11:30          |   |                 | S-Theoretical Information Studies | S-Morphological computation-cognition | W – DTMD Difference that makes difference |               |                 |
| 11:30-12:00          |   |                 | S-Theoretical Information Studies | S-Morphological computation-cognition | W – DTMD Difference that makes difference |               |                 |
| 12:00-13:00          | LUNCH   |                 |                                   |                                       |   |               |                 |
| 13:00-13:50          | PANEL 1 - Plenum- RunAn - INFORMATION, COMPUTATION, COGNITION –<br>TERRENCE DEACON                  |                 |                                   |                                       |   |               |                 |
| 13:50-14:00          | Room change   |                 |                                   |                                       |   |               |                 |

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|             |  |                                  |                                   |                                       |   |                             |                                    |
|-------------|--|----------------------------------|-----------------------------------|---------------------------------------|---|-----------------------------|------------------------------------|
| 14:00-14:30 |  | C-ICPI Philosophy of Information | S-Theoretical Information Studies | S-Morphological computation-cognition | W – DTMD Difference that makes difference | W-Possibility vs. Actuality |                                    |
| 14:30-15:00 |  | C-ICPI Philosophy of Information | S-Theoretical Information Studies | S-Morphological computation-cognition | W – DMD Difference that makes difference  | W-Possibility vs. Actuality |                                    |
| 15:00-15:30 | COFFEE/TEA   |                                  |                                   |                                       |   |                             |                                    |
| 15:30-16:00 |  | C-ICPI Philosophy of Information | S-Theoretical Information Studies | S-Morphological computation-cognition | W – DTMD Difference that makes difference | W-Possibility vs. Actuality | W- Sustainability & Human Develop. |
| 16:00-16:30 |  | C-ICPI Philosophy of Information | S-Theoretical Information Studies | S-Morphological computation-cognition | W – DTMD Difference that makes difference | W-Possibility vs. Actuality | W- Sustainability & Human Develop. |
| 16:30-17:00 |  | C-ICPI Philosophy of Information | S-Theoretical Information Studies | S-Morphological computation-cognition | W – DTMD Difference that makes difference | W-Possibility vs. Actuality | W- Sustainability & Human Develop. |
| 17:00-17:10 | Room change  |                                  |                                   |                                       |   |                             |                                    |
| 17:10-18:00 | KEYNOTE 2 - Plenum- RunAn - CYBER-HUMAN PARTNERSHIPS – TOWARDS A RESILIENT ECOSYSTEM IN SMART CITIES - SCHAHRAM DUSTDAR                  |                                  |                                   |                                       |   |                             |                                    |
| 18:00-18:50 | PANEL 2 - Plenum- RunAn – THE FUTURE OF WORK – BO DAHLBOM  |                                  |                                   |                                       |   |                             |                                    |
| 19:00-20:30 | RECEPTION<br>Gothenburg City and Region Västra Götaland<br>Elisabet ROTHENBERG, Deputy Lord Mayor<br>Martin ANDREASSON, Regional Council |                                  |                                   |                                       |   |                             |                                    |

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## TUESDAY 13 JUNE 2017

| Lecture Hall (seats) | RunAn (449)   | Palmstedt (270)                  | Scania (80)                            | Catella (30)                          | Ascom (30)           | Valdemar (30)           | Board room (30) |
|----------------------|---|----------------------------------|--|---------------------------------------|----------------------|-------------------------|-----------------|
| 08:00-09:00          | REGISTRATION  |                                  |  |                                       |                      |                         |                 |
| 09:00-09:15          | REGISTRATION  |                                  |  |                                       |                      |                         |                 |
| 09:15-10:00          | KEYNOTE 3 - Plenum- RunAn – A THEORY OF SEMANTIC INFORMATION – YIXIN ZHONG  |                                  |  |                                       |                      |                         |                 |
| 10:00-10:30          | COFFEE/TEA  |                                  |  |                                       |                      |                         |                 |
| 10:30-11:00          |   | C-ICPI Philosophy of Information | C-IFEIS Ecology of Information Studies | S-Morphological computation-cognition | S-Doctoral Symposium | W-Netizens @ Crossroads |                 |
| 11:00-11:30          |   | C-ICPI Philosophy of Information | C-IFEIS Ecology of Information Studies | S-Morphological computation-cognition | S-Doctoral Symposium | W-Netizens @ Crossroads |                 |
| 11:30-12:00          |   | C-ICPI Philosophy of Information | C-IFEIS Ecology of Information Studies | S-Morphological computation-cognition | S-Doctoral Symposium | W-Netizens @ Crossroads |                 |
| 12:00-13:00          | LUNCH   |                                  |  |                                       |                      |                         |                 |
| 13:00-13:50          | PANEL 3 - Plenum- RunAn – THE GOOD INFORMATION AND COMMUNICATION SOCIETY – FROM THEORY TO ACTIONS – GUNILLA BRADLEY |                                  |  |                                       |                      |                         |                 |
| 13:50-14:00          | Room change   |                                  |  |                                       |                      |                         |                 |

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|-------------|---|----------------------------------|--|---------------------------------------|----------------------|-------------------------|--|
| 14:00-14:30 |   | C-ICPI Philosophy of Information | C-IFEIS Ecology of Information Studies | S-Morphological computation-cognition | S-Doctoral Symposium | W-Netizens @ Crossroads |  |
| 14:30-15:00 |   | C-ICPI Philosophy of Information | C-IFEIS Ecology of Information Studies | S-Morphological computation-cognition | S-Doctoral Symposium | W-Netizens @ Crossroads |  |
| 15:00-15:30 | COFFEE/TEA  |                                  |  |                                       |                      |                         |  |
| 15:30-16:00 | P-ROBOTS Synthetic Emotions   | C-ICPI Philosophy of Information | C-IFEIS Ecology of Information Studies | S-Morphological computation-cognition | S-Doctoral Symposium | W-Netizens @ Crossroads |  |
| 16:00-16:30 | P-ROBOTS Synthetic Emotions   | C-ICPI Philosophy of Information | C-IFEIS Ecology of Information Studies | S-Morphological computation-cognition | S-Doctoral Symposium | W-Netizens @ Crossroads |  |
| 16:30-17:00 | P-ROBOTS Synthetic Emotions   | C-ICPI Philosophy of Information | C-IFEIS Ecology of Information Studies | S-Morphological computation-cognition | S-Doctoral Symposium | W-Netizens @ Crossroads |  |
| 17:00-17:10 | Room change   |                                  |  |                                       |                      |                         |  |
| 17:10-18:00 | <p>PANEL 4 - Plenum- RunAn - WHAT WOULD IT TAKE FOR A MACHINE TO HAVE NON-REDUCTIVE CONSCIOUSNESS? – PETER BOLTUC, JACK COPELAND et al.</p> |                                  |  |                                       |                      |                         |  |
| 18:00-19:00 |   |                                  |  |                                       |                      |                         |  |

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## WEDNESDAY 14 JUNE 2017

| Lecture Hall (seats) | RunAn (449)  | Palmstedt (270)                  | Scania (80)                              | Catella (30)                      | Ascom (30)          | Valdemar (30)           | Board room (30)                           |
|----------------------|--|----------------------------------|--|-----------------------------------|---------------------|-------------------------|---|
| 08:00-09:00          | REGISTRATION   |                                  |  |                                   |                     |                         |   |
| 09:00-09:15          | REGISTRATION   |                                  |  |                                   |                     |                         |   |
| 09:15-10:00          | KEYNOTE 5 - Plenum- RunAn –<br>PEDRO C. MARIJUAN   |                                  |  |                                   |                     |                         |   |
| 10:00-10:30          | COFFEE/TEA   |                                  |  |                                   |                     |                         |   |
| 10:30-11:00          |  | C-ICPI Philosophy of Information | C-FIS Foundations of Information Science | S-Theoretical Information Studies | W- Habits & Rituals | W-Netizens @ Crossroads | P- Communication in the digitalized world |
| 11:00-11:30          |  | C-ICPI Philosophy of Information | C-FIS Foundations of Information Science | S-Theoretical Information Studies | W- Habits & Rituals | W-Netizens @ Crossroads | P- Communication in the digitalized world |
| 11:30-12:00          |  | C-ICPI Philosophy of Information | C-FIS Foundations of Information Science | S-Theoretical Information Studies | W- Habits & Rituals | W-Netizens @ Crossroads | P- Communication in the digitalized world |
| 12:00-13:00          | LUNCH  |                                  |  |                                   |                     |                         |   |
| 13:00-13:50          | PANEL 5 - Plenum- RunAn – INFORMATION ETHICS – DIGITAL ETHICS<br>RAFAEL CAPURRO & JARED BIELBY |                                  |  |                                   |                     |                         |   |
| 13:50-14:00          | Room change  |                                  |  |                                   |                     |                         |   |

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|-------------|--|----------------------------------|--|-----------------------------------|---------------------|-------------------------------------|----------|
| 14:00-14:30 |  | C-ICPI Philosophy of Information | C-FIS Foundations of Information Science | S-Theoretical Information Studies | W- Habits & Rituals | W-Netizens @ Crossroads             |          |
| 14:30-15:00 |  | C-ICPI Philosophy of Information | C-FIS Foundations of Information Science | S-Theoretical Information Studies | W- Habits & Rituals | W-Netizens @ Crossroads             |          |
| 15:00-15:30 | COFFEE/TEA   |                                  |  |                                   |                     |                                     |          |
| 15:30-16:00 |  | C-ICPI Philosophy of Information | C-FIS Foundations of Information Science | S-Theoretical Information Studies | W- Habits & Rituals | W-Netizens @ Crossroads             | Tutorial |
| 16:00-16:30 |  | C-ICPI Philosophy of Information | C-FIS Foundations of Information Science | S-Theoretical Information Studies | W- Habits & Rituals | W-Transhumanism-posthuman condition | Tutorial |
| 16:30-17:00 |  | C-ICPI Philosophy of Information | C-FIS Foundations of Information Science | S-Theoretical Information Studies | W- Habits & Rituals | W-Transhumanism-posthuman condition | Tutorial |
| 17:00-17:10 | Room change  |                                  |  |                                   |                     |                                     |          |
| 17:10-18:00 | KEYNOTE 6 - Plenum- RunAn - IEEE P7000 – THE FIRST GLOBAL STANDARD PROCESS FOR ADDRESSING ETHICAL CONCERNS IN SYSTEM DESIGN – SARAH SPIEKERMANN                                  |                                  |  |                                   |                     |                                     |          |
| 18:00-18:50 | PANEL 6 - Plenum- RunAn - SUSTAINABILITY IN THE DIGITAL WORLD – ANNA DUBOIS  |                                  |  |                                   |                     |                                     |          |
| 19:00-21:00 | EXCURSION (optional) to Elfsborg<br>Fortress (Älvsborg)<br><a href="http://www.goteborg.com/en/nya-alsvsborgs-fastning/">http://www.goteborg.com/en/nya-alsvsborgs-fastning/</a> |                                  |  |                                   |                     |                                     |          |

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## THURSDAY 15 JUNE 2017

| Lecture Hall (seats) | RunAn (449)   | Palmstedt (270)                        | Scania (80)                              | Catella (30)                        | Ascom (30)            | Valdemar (30)       | Board room (30) |
|----------------------|---|--|--|-------------------------------------|-----------------------|---------------------|-----------------|
| 08:00-09:00          | REGISTRATION  |  |  |                                     |                       |                     |                 |
| 09:00-09:15          |   |  |  |                                     |                       |                     |                 |
| 09:15-10:00          | KEYNOTE 7 - Plenum- RunAn - THE GENERAL THEORY OF INFORMATION AS A UNIFYING FACTOR FOR INFORMATION STUDIES: THE NOBLE EIGHT-FOLD PATH – MARK BURGIN |  |  |                                     |                       |                     |                 |
| 10:00-10:30          | COFFEE/TEA  |  |  |                                     |                       |                     |                 |
| 10:30-11:00          |   | C-IFEIS Ecology of Information Studies | C-FIS Foundations of Information Science | W-Transhumanism-posthuman condition | S-Cognitive Computing | W- Habits & Rituals |                 |
| 11:00-11:30          |   | C-IFEIS Ecology of Information Studies | C-FIS Foundations of Information Science | W-Transhumanism-posthuman condition | S-Cognitive Computing | W- Habits & Rituals |                 |
| 11:30-12:00          |   | C-IFEIS Ecology of Information Studies | C-FIS Foundations of Information Science | W-Transhumanism-posthuman condition | S-Cognitive Computing | W- Habits & Rituals |                 |
| 12:00-13:00          | LUNCH   |  |  |                                     |                       |                     |                 |
| 13:00-13:50          | PANEL 7 - Plenum- RunAn - THE ROLE OF DIGITAL PLATFORMS AND INFRASTRUCTURES – CARSTEN SORENSEN & IOANNA CONSTANTIOU                                 |  |  |                                     |                       |                     |                 |
| 13:50-14:00          | Room change   |  |  |                                     |                       |                     |                 |

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|----------------------|---|--|--|-------------------------------------|-----------------------|---------------------|-----------------|
| 14:00-14:30          |   | C-IFEIS Ecology of Information Studies | C-FIS Foundations of Information Science | W-Transhumanism-posthuman condition | S-Cognitive Computing | W- Habits & Rituals |                 |
| 14:30-15:00          |   | C-IFEIS Ecology of Information Studies | C-FIS Foundations of Information Science | W-Transhumanism-posthuman condition | S-Cognitive Computing | W- Habits & Rituals |                 |
| 15:00-15:30          | COFFEE/TEA  |  |  |                                     |                       |                     |                 |
| 15:30-16:00          | P-Ageing & Technologies   | C-IFEIS Ecology of Information Studies | C-FIS Foundations of Information Science | W-Transhumanism-posthuman condition | S-Cognitive Computing | W- Habits & Rituals |                 |
| 16:00-16:30          | P-Ageing & Technologies   | C-IFEIS Ecology of Information Studies | C-FIS Foundations of Information Science | W-Transhumanism-posthuman condition | S-Cognitive Computing | W- Habits & Rituals |                 |
| 16:30-17:00          | P-Ageing & Technologies   | C-IFEIS Ecology of Information Studies | C-FIS Foundations of Information Science | W-Transhumanism-posthuman condition | S-Cognitive Computing | W- Habits & Rituals |                 |
| 17:00-17:10          | Room change   |  |  |                                     |                       |                     |                 |
| 17:10-18:00          | KEYNOTE 8 - Plenum- RunAn - SHOULD APOCALYPTIC AI SCENARIOS BE TAKEN SERIOUSLY? – OLLE HÄGGSTRÖM                          |  |  |                                     |                       |                     |                 |
| 18:00-18:50          | PANEL 8 - Plenum- RunAn - DIGITAL IDENTITY IN SOCIETY AND ITS ETHICAL AND LEGAL IMPLICATIONS– RAFAEL CAPURRO, DAVID SANDS |  |  |                                     |                       |                     |                 |
| 19:00-19:15          | GROUP PHOTOGRAPH OF THE CONFERENCE IN THE FOYER   |  |  |                                     |                       |                     |                 |
| 19:15-21:00          | CONFERENCE BANQUET<br>BANQUET SPEECH: BO DAHLBOM - THE DIGITAL REVOLUTION<br>ARTISTIC PROGRAM                             |  |  |                                     |                       |                     |                 |



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| FRIDAY 16 JUNE 2017  |  |
|----------------------|--|
| Lecture Hall (seats) | RunAn (449)  |
| 08:00-09:00          | REGISTRATION   |
| 09:00-09:15          |  |
| 09:15-10:00          | GENERAL ASSEMBLY is4si   |
| 10:00-10:30          | COFFEE/TEA   |
| 10:30-11:00          | S-THEORETICAL<br>INFORMATION STUDIES   |
| 11:00-11:30          |  |
| 11:30-12:00          |  |
| 12:00-13:00          | LUNCH  |
| 13:00-13:50          | KEYNOTE 9 - Plenum- RunAn -<br>PHYSICAL UNCOMPUTABILITY AND THE NATURE OF INFORMATION PROCESSING-<br>JACK COPELAND |
| 13:50-14:00          | Room change  |

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|-------------|--|
| 14:00-14:30 | S-THEORETICAL<br>INFORMATION STUDIES   |
| 14:30-15:00 |  |
| 15:00-15:30 | COFFEE/TEA   |
| 15:30-16:00 | PANEL 9 - Plenum- RunAn<br>"The Gothenburg Book Series" project – MARK BURGIN          |
| 16:00-16:30 |  |
| 16:30-17:00 | PANEL 10 - Plenum- RunAn -<br>ECOLOGICAL METHODOLOGY IN INFORMATION STUDIES            |
| 17:00-17:10 | CONFERENCE CLOSING   |
| 17:10-17:20 | Room change  |
| 17:20-18:00 | IS4SI BOARD MEETING,<br>Board room,<br>Chair: Gordana DODIG-CRNKOVIC & Terrence DEACON |