

## SATURDAY, September 7, 2024: yESAO Pre-Congress Meeting

| START | END   | University Hospital - Lecture Hall 4 |
|-------|-------|--------------------------------------|
| 10:30 |       | On-Site Registration<br>(Floor B)    |
| 11:45 | 12:45 | yESAO Lunch<br>(Cantine)             |
| 12:45 | 13:15 | OPENING WORDS<br>yESAO Coordinators  |
| 13:30 | 14:30 | Keynote 1                            |
| 14:30 | 15:00 | Coffee Break<br>(Cantine)            |
| 15:00 | 18:00 | Pitch Session / Networking           |
| 20:00 | 23:00 | yESAO Dinner                         |

**SUNDAY, September 8, 2024: yESAO Pre-Congress Meeting / Welcome / History of Artificial Organs**

| START | END   | EUROPASAAL  | K1                 | K2                 | FOYER - EXHIBITION AREA                     |
|-------|-------|---|--------------------|--------------------|---|
| 10:00 | 12:00 |   | yESAO Pre-Congress | yESAO Session 1    |   |
| 12:00 | 13:30 |   |                    | yESAO Lunch        |   |
| 13:30 | 14:30 |   |                    | yESAO Keynote 2    |   |
| 14:30 | 15:00 |   |                    | yESAO Coffee Break |   |
| 15:00 | 16:00 |   |                    | Workshop           |   |
| 16:30 | 19:00 | <b>OPENING CEREMONY</b><br>Chairs: Prof Payam Akhyari - Prof. Ulrich Steinseifer<br><br>Welcome Address<br>Congress President: Prof. Payam Akhyari<br><br>Presidential Address<br>ESAO President: Prof. Ulrich Steinseifer<br><br>Scientific chair Address<br>Prof. Joachim Jankowski<br><br>Plenary Lecture<br>Artificial Organs, when the movies were young! - Prof. Jörg Vienken<br><br>Musical Performance<br>tbd |                    |                    | Set Up:<br>Exhibition<br>Poster<br>Catering |
| 19:00 | 21:00 | Welcome Reception and Buffet  |                    |                    |   |

**MONDAY, September 9, 2024: State of the Art**

| START | END   | EUROPASAAL  | K1   | K2   | FOYER - EXHIBITION AREA  |
|-------|-------|---|--|--|--|
| 8:30  | 9:00  | <b>PL11: PLENARY LECTURE 1</b><br>"Inter-Organ Communication: Unraveling Mechanisms and Modulation Strategies" - tbd                              |  |  | Exhibition<br>Posters<br>Bonding<br>Networking<br>Coffee & Soft Drinks |
| 9:15  | 10:45 | HE11: Mechanical Circulatory Support Technologies and Therapies   | KI11: Artificial Kidney Technologies & Therapies | LU11: Artificial Lung Technologies and Therapies |  |
| 10:45 | 11:15 | Coffee Break  |  |  |  |
| 11:15 | 12:45 | HE12: Structural Heart Technologies & Therapies   | OO11: Ear & Eye                                  | LI11: Pancreas & Liver Technologies & Therapies  |  |
| 12:45 | 14:00 | LS11: Lunch Symposium 1   | LS12: Lunch Symposium 2                          | Lunch Break                                      |  |
| 14:00 | 15:30 | HB11: Hemodynamic & Biomechanics - 1  | MS11: Materials & Surfaces - 1                   | TE11: Artificial Organ Testing - 1               |  |
| 15:30 | 16:30 | RF11: Rapid Fire Poster Presentations - 1   | RF12: Rapid Fire Poster Presentations - 1        | RF13: Rapid Fire Poster Presentations - 1        |  |
| 16:30 | 17:30 | Poster Session 1 & Coffee Break   |  |  |  |
| 17:30 | 18:00 | <b>PL12: PLENARY LECTURE 2</b><br>Technology vs Biology: Alternatives to Artificial Organs - tbd  |  |  |  |
| 18:00 | 18:30 | <b>PD11: PLENARY DISCUSSION 1</b><br>Technology or Biology ? The Future of Artificial Organ Therapies   |  |  |  |
| 18:30 | 19:30 | ESAO GENERAL ASSEMBLY   |  |  |  |
| 20:00 | 21:30 | Optional City Tours:<br>Aachen, Aix-la-Chapelle, Aquisgran: from Charlemagne to Napoleon - Prof. Vienken<br>Aachen: Myths and Legends - S. Herren |  |  |  |

**TUESDAY, September 10, 2024: Organ Cross Talk & Trends**

| START | END   | EUROPASAAL  | K1                        | K2                                    | FOYER - EXHIBITION AREA  |
|-------|-------|---|---------------------------|---------------------------------------|--|
| 8:30  | 9:00  | <b>PL23: PLENARY LECTURE 3</b><br>From Native to Artificial Organ Crosstalk - tbd   |                           |                                       | Exhibition<br>Posters<br>Bonding<br>Networking<br>Coffee & Soft Drinks |
| 9:15  | 10:45 | OC21: Extracorporeal Life Support   | OC22: Heart & Kidney      | OC23: Lung & Kidney                   |  |
| 10:45 | 11:15 | Coffee Break  |                           |                                       |  |
| 11:15 | 12:45 | SY21: Joint IFAO & EuroELSO Symposium   | OC24: Multi Organ Support | VF21: Imaging and Virtual Fitting - 1 |  |
| 12:45 | 14:00 | LS21: Lunch Symposium 1   | LS22: Lunch Symposium 2   |                                       |  |
| 14:00 | 15:30 | SY22: yESAO Symposium   | SY23: Eutox Symposium     | SY24: Symposium 4 (tbd)               |  |
| 15:30 | 16:15 | Poster Session 2 & Coffee Break   |                           |                                       |  |
| 16:30 | 17:30 | SY25: Sponsor Presentation / Bonding  |                           |                                       |  |
| 17:30 | 18:00 | <b>PL24: PLENARY LECTURE 4</b><br>Disadvantage Europe ? - The Medical Device Regulations - tbd  |                           |                                       |  |
| 18:00 | 18:30 | <b>PD22: PLENARY DISCUSSION</b><br>MDR 2.0: What is needed to catch up ?  |                           |                                       |  |
| 19:00 | 20:00 | GALA DINNER WELCOME RECEPTION - TOWN HALL   |                           |                                       |  |
| 20:00 | 23:00 | GALA DINNER - CORONATION HALL<br><br>Ceremonial Lecture<br>Honoring the Past: 50 Years ESAO (Horst Klinkmann)<br><br>Awards Ceremony<br>ESAO PhD Awards<br>SAGE Award |                           |                                       |  |

**WEDNESDAY, September 11, 2024: Towards artificially intelligent organs**

| START | END   | EUROPASAAL   | K1                            | K2                      | FOYER - EXHIBITION AREA   |
|-------|-------|--|-------------------------------|-------------------------|---|
| 8:30  | 9:00  | <b>PL35: PLENARY LECTURE 5</b><br>Artificial Intelligence in Medicine: Curse or Blessing - tbd   |                               |                         | <b>Exhibition<br/>Posters<br/>Bonding<br/>Networking<br/>Coffee &amp; Soft Drinks</b> |
| 9:15  | 10:45 | AI31: Mechanistic Simulations  | AI32: Data Driven Simulations | AI33: Hybrid Modelling  |   |
| 10:45 | 11:15 | Coffee Break   |                               |                         |   |
| 11:15 | 12:45 | AWARDS SESSION   | SY35: Albnunet Symposium      | SY36: Symposium 7 (tbd) |   |
| 12:45 | 13:30 | <b>CLOSING CEREMONY</b><br><br>IFAO Awards and IFAO Best Oral Presentation Awards: H. Schima, T. Groth<br>ESAO Best Poster Award: S. Jansen, M. Granegger<br>Closing Remarks: P. Akhyari, J. Jankowski, U. Steinseifer |                               |                         |   |