

SESE TOUR 2021

« Systems Engineering,
Today and Tomorrow »

18th-20th MAY

VIRTUAL EVENT

Southern European Systems Engineering Tour

<http://sesetour.afis.fr/>

PROGRAM

| | | |
|-------------|-----------|-------------------------------|
| 18th May | Morning | Introduction from EMEA sector |
| | Afternoon | AEIS, Spanish chapter |
| 19th May | Morning | AFIS, French chapter |
| | Afternoon | AISE, Italian chapter |
| 20th May | Morning | SSSE, Swiss chapter |
| | Afternoon | INCOSE Belgian chapter |



« Systems Engineering, Today and Tomorrow »

MAY 18th
morning

INCOSE EMEA Sector **PROGRAM**

9:15 PLENARY

Room A

| | | |
|-------|--|---|
| 9:15 | ▪ Welcome to SESE Tour (Operating rules, High level Agenda) | AFIS organizers |
| 9:30 | ▪ Launch of the event & EMEA presentation | Lucio Tirone <i>EMEA Director</i> |
| 9:50 | ▪ Chapter 1 presentation | Chapter representative |
| 10:10 | ▪ Chapter 2 presentation | Chapter representative |
| 10:30 | ▪ Chapter 3 presentation | Chapter representative |
| 10:50 | Coffee break | |
| 11:00 | ▪ Chapter 4 presentation | Chapter representative |
| 11:20 | ▪ Chapter 5 presentation | Chapter representative |
| 11:40 | ▪ Thanks to our Sponsors <i>Presentations, demos & contact agenda</i> | Sponsors representatives |
| 12:20 | Lunch pause | |

12:30 Sponsors Demos*

Room B

Contact Corner

Room C

| | | | |
|----------------|---------------------|-----------------|------------------------|
| until 14:30 | ▪ Geeglee | Vincent Holley | From 13:00 to 14:30 |
| | ▪ Mathworks | To be confirmed | |
| | ▪ The Reuse Company | Jose Fuentes | |
| | ▪ ... | | |

* To be adjusted according to the Sponsors final availabilities

« Systems Engineering, Today and Tomorrow »

MAY 18th
afternoon

AEIS, Spanish Chapter **PROGRAM**

14:55 PLENARY

Room A

| | | |
|-------|--|---|
| 14:55 | <ul style="list-style-type: none"> ▪ Welcome to AEIS chapter (Agenda / Rules) | Chairman |
| 15:00 | <ul style="list-style-type: none"> ▪ Sailing the V with an intelligent compass: engineering digitalization through the automatization of traceability, reuse, and early quality in the development lifecycle” | Jose FUENTES <i>The Reuse company</i> |
| 15:30 | <ul style="list-style-type: none"> ▪ "Validating system architectures with behavior diagrams" | Becky Petteys <i>Mathworks</i> |
| 16:00 | <ul style="list-style-type: none"> ▪ Model Based Design and Early Verification for the Attitude Control Algorithm of a Nanosatellite | Astor de Castañedo <i>Capgemini Engineering</i> |
| 16:30 | Coffee break | |
| 16:45 | <ul style="list-style-type: none"> ▪ “Where Systems Engineering meets AI/ML” | Jose Maria Alvarez <i>UC3M</i> |
| 17:15 | <ul style="list-style-type: none"> ▪ “Skydweller implements MBSE to develop first, commercially viable pseudo-satellite” | Georg Hoefler <i>Skydweller</i> |
| 17:45 | <ul style="list-style-type: none"> ▪ AEIS conclusion (10 mn) | Chairman |

16:00 Sponsors Demos

Room B

Contact Corner

Room C

until
17:45

According to demos and contact corner expectations

« Systems Engineering, Today and Tomorrow »

MAY 19th
Morning

AFIS, French Chapter **PROGRAM**

| 9:15 PLENARY | | Room A |
|-----------------------|---|---|
| 9:15 | <ul style="list-style-type: none"> Welcome to AFIS chapter (Agenda, rules) | Jean-Luc Garnier <i>Président AFIS</i> |
| 9:30 | <ul style="list-style-type: none"> The AFIS Project « Vision 2030+ » | Mickaël Bouyaud <i>AFIS Technical Director</i> |
| 10:00 | <ul style="list-style-type: none"> “An educational framework for tackling SE” | Odile Mornas <i>Thalès</i> |
| 10:30 | <ul style="list-style-type: none"> “Why and how to use Augmented Human Intelligence to reduce risks into projects ?” | Vincent Holley <i>System Value</i> |
| 11:00 | Coffee break | |
| 11:20 | <ul style="list-style-type: none"> AFIS Presentation 4 (under construction) | Speaker (to be defined) |
| 11:50 | <ul style="list-style-type: none"> AFIS Presentation 5 (under construction) | Speaker (to be defined) |
| 12:20 | <ul style="list-style-type: none"> AFIS conclusion (10mn) | Jean-Luc Garnier |
| 12:30 Sponsors Demos* | | Room B |
| until 14:00 | <ul style="list-style-type: none"> Geeglee « The design of Martian drones as an example of Augmented Human Intelligence » Mathworks The Reuse company ... | Vincent Holley To be confirmed To be confirmed |
| | | Contact Corner Room C |
| | | From 12:30 to 14:00 |

* To be adjusted according to the Sponsors final availabilities



SESE TOUR 2021

« Systems Engineering, Today and Tomorrow »

MAY 19th afternoon

AISE, Italian Chapter **PROGRAM**

14:00 PLENARY

Room A

| | | |
|-------|--|---|
| 14:00 | ▪ Opening address by the AISE President | Alfredo Garro |
| 14:05 | ▪ « The SKA project » | Lucio Tirone |
| 14:30 | ▪ « The BH SE journey so far » | Tommaso Olivieri & Fabien Cochet |
| 14:50 | ▪ « Multi-criteria Decision Analysis » | Carlo Leardi |
| 15:10 | Coffee break 1 | |
| 15:20 | ▪ Organization Analysis and Modeling | Ivan Famoso |
| 15:40 | ▪ « FAST per AISE e AISE per FAST » | Mario Bruccianti |
| 16:00 | ▪ « Applying optimization algorithms to system-level trade studies » Mathworks | Andrew Grabowski |
| 16:20 | ▪ « Risk Management: a process approach » | David Ward |
| 16:40 | Coffee break 2 | |
| 16:50 | ▪ « AGILE SE » | Claudia Agostinelli and TBD |
| 17:10 | ▪ Omninecs | <i>To be confirmed</i> |
| 17:30 | ▪ Wabtec | <i>To be confirmed</i> |
| 17:50 | ▪ ESTECO | <i>To be confirmed</i> |
| 18:10 | ▪ Closure | Alfredo Garro |

« Systems Engineering,
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MAY 20th
morning

SSSE, Swiss Chapter PROGRAM

9:30 PLENARY

Room A

| | | |
|-------|---|-------------------------|
| 9:15 | <ul style="list-style-type: none"> ▪ Welcome to SSSE chapter (Agenda, rules) | <i>To be confirmed</i> |
| 9:30 | <ul style="list-style-type: none"> ▪ « The digital transformation of the air cargo industry and its impact on sustainability » | Sonia Ben Hamida |
| 10:15 | <ul style="list-style-type: none"> ▪ « Quantitative System Analysis in Python » | Gaël Close |
| 11:00 | Coffee break | |
| 11:20 | <ul style="list-style-type: none"> ▪ Sponsor Presentation SE-Training | <i>To be confirmed</i> |
| 11:35 | <ul style="list-style-type: none"> ▪ TBA | <i>To be confirmed</i> |
| 12:20 | <ul style="list-style-type: none"> ▪ SSSE conclusion / chairman | <i>To be confirmed</i> |

12:40 Sponsors Demos*

Room B

Contact Corner

Room C

| | | | |
|----------------|---|--|-----------------------------------|
| until 14:30 | <ul style="list-style-type: none"> ▪ Geeglee ▪ The Reuse company ▪ ... | <p>Vincent Holley</p> <p><i>To be confirmed</i></p> | <p>From 12:40</p> <p>to 14:30</p> |
|----------------|---|--|-----------------------------------|

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« Systems Engineering,
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MAY 20th
afternoon

INCOSE Belgian Chapter PROGRAM

15:00 PLENARY

Room A

- | | | |
|-------|---|--|
| 15:00 | ▪ Future of systems Engineering in Infrastructure projects in Belgium | Paul Schreinemakers <i>INCOSE how2se.nl ESEP</i> |
| 15:45 | ▪ Q&A | |
| 16:00 | ▪ « As Smart Air traffic » | John Lomax <i>Airbus</i> |
| 16:45 | ▪ Q&A | |
| 17:00 | ▪ « SE Future - enabling Digital Transformation » | Elena Gallego <i>Thalès Belgium</i> |
| 17:45 | ▪ Closure | |

16:00 Sponsors Demos

Room B

Contact Corner

Room C

until
17:30

According to demos and contact corner expectations