

SESE TOUR 2021

« Systems Engineering,
Today and Tomorrow »

18th-20th MAY

VIRTUAL EVENT

Southern European Systems Engineering Tour

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 Belgium chapter



« Systems Engineering, Today and Tomorrow »

MAY 18th morning

INCOSE EMEA Sector PROGRAM

9:15 PLENARY

Room A

9:15	<ul style="list-style-type: none"> ▪ Welcome to SESE Tour <i>Operating rules, High level Agenda</i> 	AFIS organizers
9:30	<ul style="list-style-type: none"> ▪ Launch of the event & EMEA presentation 	Lucio Tirone, <i>EMEA Director</i>
9:50	<ul style="list-style-type: none"> ▪ AEIS, Spanish Chapter presentation 	Cristina Rodriguez <i>AEIS President</i>
10:10	<ul style="list-style-type: none"> ▪ AFIS, French Chapter presentation 	Jean-Luc Garnier <i>AFIS President</i>
10:30	<ul style="list-style-type: none"> ▪ AISE, Italian Chapter presentation 	Alfredo Garro <i>AISE President</i>
10:50	Coffee break	
11:00	<ul style="list-style-type: none"> ▪ SSSE, Swiss Chapter presentation 	Gregor Schütz <i>SSSE President</i>
11:20	<ul style="list-style-type: none"> ▪ INCOSE Belgium Chapter presentation 	Christophe Laverge <i>INCOSE Belgium Chapter</i>
11:40	<ul style="list-style-type: none"> ▪ Thanks to our Sponsors <i>Presentations, demos & contact agenda</i> 	Sponsors representatives
12:20	Lunch pause	

12:40 Sponsors Demos*

Room B

12:40	<ul style="list-style-type: none"> ▪ Geeglee 	Vincent Holley
13:10	<ul style="list-style-type: none"> ▪ The Reuse Company 	Jose Fuentes
13:40	<ul style="list-style-type: none"> ▪ MathWorks 	To be confirmed
14:10	<ul style="list-style-type: none"> ▪ Capella 	To be confirmed
14:50	Closure of Room B & C	

Contact Corner**

Room C

12:40	<ul style="list-style-type: none"> ▪ SE Training
13:05	<ul style="list-style-type: none"> ▪ Geeglee
13:30	<ul style="list-style-type: none"> ▪ The Reuse Company
13:50	<ul style="list-style-type: none"> ▪ MathWorks
14:20	<ul style="list-style-type: none"> ▪ Capella

* 25 minutes / each sponsor – 5 mn relay

** 20 minutes / each sponsor – 5 mn relay

« Systems Engineering,
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MAY 18th
afternoon

AEIS, Spanish Chapter **PROGRAM**

14:55 PLENARY

Room A

- | | | |
|-------|---|---|
| 14:55 | ▪ Welcome to AEIS chapter (Agenda / Rules) | José Miguel Ramon Lopez
<i>Chairman</i> |
| 15:00 | ▪ “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 | ▪ “Validating system architectures with behavior diagrams” | Becky Petteys
<i>Mathworks</i> |
| 16:00 | • Tbc | |
| 16:30 | Coffee break | |
| 16:45 | ▪ “Where Systems Engineering meets AI/ML” | Jose Maria Alvarez
<i>UC3M</i> |
| 17:15 | ▪ “Skydweller implements MBSE to develop first, commercially viable pseudo-satellite” | Georg Hoefler
<i>Skydweller</i> |
| 17:45 | ▪ AEIS conclusion (10 mn) | José Miguel Ramon Lopez |

« Systems Engineering, Today and Tomorrow »

MAY 19th

Morning

AFIS, French Chapter PROGRAM

8:45 PLENARY

Room A

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|-------|--|---|
| 8:45 | <ul style="list-style-type: none"> ▪ Welcome to AFIS chapter (Agenda, rules) | <p>Jean-Luc Garnier
<i>Chairman, Thales</i></p> |
| 9:00 | <ul style="list-style-type: none"> ▪ “The AFIS Project « Vision 2030+” | <p>M. Bouyaud
<i>DT, Wordline Business Architect</i></p> |
| 9:30 | <ul style="list-style-type: none"> ▪ “An educational framework for tackling SE” | <p>Odile Mornas
<i>ESEP, Thales</i></p> |
| 10:00 | <ul style="list-style-type: none"> ▪ “Reconciling with the past, embracing the future – Lessons learned on implementing in Thales” | <p>Juan Navaz, Thales
<i>Video Testimony</i></p> |
| 10:20 | <ul style="list-style-type: none"> ▪ “Model based Integrated Approach of Formal Requirements Engineering” | <p>Jean Duprez & Laurent Royer
<i>Airbus / MathWorks</i></p> |
| 10:50 | <p>Coffee break</p> | |
| 11:00 | <ul style="list-style-type: none"> ▪ “Why and how to use Augmented Human Intelligence to reduce risks into projects ?” | <p>Vincent Holley
<i>System Value</i></p> |
| 11:30 | <ul style="list-style-type: none"> ▪ “Advances in Property Model Methodology (PMM)- within the Design Office of Airbus Helicopters” | <p>Pascal Paper
<i>Airbus</i></p> |
| 12:00 | <ul style="list-style-type: none"> ▪ Closure of AFIS chapter (10mn) | <p>Jean-Luc Garnier</p> |

12:15 Sponsors Demos*

Room B

- | | | |
|-------|---|-------------------------------|
| 12:15 | <ul style="list-style-type: none"> ▪ Geeglee | <p>Vincent Holley</p> |
| 12:40 | <ul style="list-style-type: none"> ▪ The Reuse company | <p>To be confirmed</p> |
| 13:05 | <ul style="list-style-type: none"> ▪ MathWorks | <p>To be confirmed</p> |
| 13:30 | <ul style="list-style-type: none"> ▪ Capella | <p>To be confirmed</p> |
| 14:00 | <p>Closure of Room B & C</p> | |

Contact Corner**

Room C

- | | |
|-------|---|
| 12:15 | <ul style="list-style-type: none"> ▪ SE Training |
| 12:40 | <ul style="list-style-type: none"> ▪ Geeglee |
| 13:05 | <ul style="list-style-type: none"> ▪ The Reuse Company |
| 13:30 | <ul style="list-style-type: none"> ▪ MathWorks |
| 13:50 | <ul style="list-style-type: none"> ▪ Capella |

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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 , <i>Chairman</i>
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”	Andrew Grabowski
16:20	▪ “Risk Management: a process approach”	David Ward
16:40	Coffee break 2	
16:50	▪ “Product Line Engineering in the Automotive context”	Claudia Agostinelli & Niccolò Normanni
17:10	▪ “Advancing Systems Engineering practices: assessing maturity and improving areas”	Enrico Mancin
17:30	▪ “Leonardo	<i>To be confirmed</i>
17:50	▪ “Modeling, simulation and optimization for the capacity planning of the rail infrastructure of the Port”	Carlo Poloni et al.
18:10	▪ Closure	Alfredo Garro

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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) 	Marco Di Maio , <i>Chairman</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>

12:45 Sponsors Demos*

Room B

12:45	<ul style="list-style-type: none"> Geeglee 	Vincent Holley
13:15	<ul style="list-style-type: none"> The Reuse company 	To be confirmed
13:45	<ul style="list-style-type: none"> MathWorks 	To be confirmed
14:15	<ul style="list-style-type: none"> Capella 	To be confirmed
14:50	Closure of Room B & C	

Contact Corner**

Room C

12:45	<ul style="list-style-type: none"> SE Training
13:10	<ul style="list-style-type: none"> Geeglee
13:35	<ul style="list-style-type: none"> The Reuse Company
14:00	<ul style="list-style-type: none"> MathWorks
14:25	<ul style="list-style-type: none"> Capella

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MAY 20th
afternoon

INCOSE Belgium Chapter PROGRAM

15:00 PLENARY

Room A

14:55	▪ Welcome to INCOSE Belgium chapter	Christophe Laverge , <i>Chairman</i>
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>Thales</i>
17:45	▪ INCOSE Belgium Chapter Closure	Christophe Laverge
17:55	▪ SESE Tour conclusions	Jean-Luc Garnier (Tbc)