

CAFEO 42 International Conference & Exhibition 2024

This year's theme – CHARTING ASEAN GROWTH WITH DIGITAL TRANSFORMATION, SMART ENGINEERING AND GREEN SOLUTIONS. – explores how we can better make ASEAN region strides towards becoming both a digital economy and a digital society by optimising smart engineering methods as well as integrating green solutions.

This CAFEO explores the pivotal role of digital transformation, smart engineering, and green solutions in propelling ASEAN's growth trajectory in the years to come. As the region witnesses rapid urbanisation and industrialisation, embracing innovative technologies becomes imperative for sustainable development. Through a comprehensive analysis of key infrastructure, manufacturing, and energy sectors, this conference elucidates how leveraging digitalisation and smart engineering practices can enhance efficiency, productivity, and competitiveness while minimising environmental impact. Furthermore, it underscores the significance of green solutions in mitigating climate change challenges and fostering resilience. By charting this transformative journey, AFEO can harness its immense potential and emerge as a global leader in sustainable development.



DAY 1 – 22 October 2024				
Time	Main Session		Parallel Session	
08.00am - 08.30am	Registration			
08:30 am – 9:00 am	Session 1 Green Solutions – Smart Technologies in Renewable Energy Session Chairman : TBA	Paper 1 Pending Title	AEI Steering Committee (Session 1)	AEI Structural
09:00 am – 09:30 am		Paper 2 Pending Title		AEI Manufacturing
09:30 am – 09:45 am		Question and Answer - Presentation of Memento		AEI Electrical
09:45 am - 10.00am	Tea Break			
10.00 am – 11:30 am	Opening Ceremony			
11.30 am - 11.40am	PROGRAM BRIEF	Pending Title – PROGRAM CHAIRMAN - DOC		
11 : 40am – 01:00pm	Lunch			
01.00pm – 01.30pm	Session 2 Green Solutions - Environmental, Sustainability and Governance (ESG) in Engineering Processes and Services Session Chair: TBA	Paper 3 Pending Title	AEI Steering Committee (Session 2)	AEI Building
01.30pm - 02.30pm		Paper 4 Pending Title		AEI Boiler
02.30pm - 02.45pm		Question and Answer Presentation of Memento		AEI Electronic
02.45pm - 03.00pm	Tea Break			
03.00pm – 03.30pm	Session 3 – Digital Product and Service Innovation Green Solutions - Engineering towards a Circular Economy Session Chair : TBA	Paper 5 Pending Title	Board Meeting Session 1	WE-AFEO Board Meeting
03.30pm - 04.00pm		Paper 6 Pending Title		YES-AFEO Board Meeting
04.00pm - 04.15pm		Question and Answer - Presentation of Memento		AAET Meeting
04:15pm	Announcement / End of Day 1			
Opening Dinner				
07:30pm – 10:00pm	Opening Dinner Hosted by MOT			

DAY 2 – 23 October 2024				
Time	Main Session		Parallel Session	
08:30am – 09:00am	Keynote Address 1	Pending Title - AFEO CHAIRMAN / IEM CHAIRMAN	Keynote Address 1	Pending Title - AFEO CHAIRMAN / IEM CHAIRMAN
09:00am – 09:30am	Session 4 Smart Engineering – Internet of Everything Session Chair : TBA	Paper 7 Pending Title	Meetings	AAET Meeting
09:30am – 10:00am		Paper 8 Pending Title		
10:00am - 10.20am		Question and Answer - Presentation of Memento		
10.20am – 10:40am	Tea Break			
10:40am – 11.10am	Session 5 Smart Engineering - Machine Learning – AI Session Chair: TBA	Paper 9 Pending Title	AFEO WORK GROUP	Geotechnical – Parallel Session
11:10am – 11:40am		Paper 10 Pending Title		Energy– Parallel Session
11:40am – 12.10pm		Paper 11 Pending Title		Education– Parallel Session
12.10pm – 12.30pm		Question and Answer - Presentation of Memento		Innovative Technologies– Parallel Session
12.30pm - 01.30pm	Lunch			
01.30pm – 2:00pm	Session 6 Smart Engineering - Engineering Tools Session Chair: TBA	Paper 12 Pending Title	Governing Meeting	AER Comission
02:00pm – 02:30pm		Paper 13 Pending Title		
02:30pm - 03.00pm		Paper 14 Pending Title		
03:00pm – 03.20pm		Question and Answer - Presentation of Memento		
03:20pm – 03.40pm	Tea Break			
03.40pm - 04.00pm	Session 7 Smart Engineering - Creation of Value through engineering Session Chair : TBA	Paper 15 Pending Title	Governing Meeting	AFEO Governing Meeting
04.00pm - 04.20pm		Paper 16 Pending Title		
04:20pm – 04:40pm		Paper 17 Pending Title		
04:40pm – 05:00pm		Question and Answer - Presentation of Memento		
05:00pm	Announcement / End of Day 2			

DAY 3 – 24 October 2024				
Time	Main Session		Parallel Session	
08:30am – 09:00am	Keynote Address 2	Pending Title – IEM SABAH CHAIRMAN	Keynote Address 2	Pending Title – IEM SABAH CHAIRMAN
09:00am – 09:30am	Session 8	Paper 18 Pending Title	Meeting	FEIAP Meeting
09:30am – 10:00am	Digital Transformation – Business Model	Paper 19 Pending Title		
10:00am - 10.20am	Transformation dan Digital Consumer	Question and Answer - Presentation of Memento		
	Session Chair : TBA			
10.20am – 10:40am	Tea Break			
10:40am – 11.10am	Session 9	Paper 20 Pending Title		
11:10am – 11:40am	Digital Transformation – Proses Automation and Optimisation	Paper 21 Pending Title		
11:40am – 12.10pm		Paper 22 Pending Title		
12.10pm – 12.30pm	Session Chair : TBA	Question and Answer - Presentation of Memento		
12.30pm - 01.30pm	Lunch			
01.30pm – 2:00pm	Session 10	Paper 23 Pending Title		
02:00pm – 02:30pm	Digital Transformation - Digital Product and Service Innovation	Paper 24 Pending Title		
02:30pm - 03.00pm		Paper 25 Pending Title		
03:00pm – 03.20pm	Session Chair : TBA	Question and Answer - Presentation of Memento		
03:20pm	Announcement / End of Day 3			
CLOSING				
07:00pm – 10:00pm			Closing Dinner - Hosted by MOW	