



ASME[®] 2018 ICEF

Internal Combustion Engine Fall
Technical Conference

Schedule at a Glance

CONFERENCE

November 4 – 7, 2018

EXHIBITION

November 5 – 6, 2018

Hilton San Diego Resort & Spa
San Diego, CA

ASME Internal Combustion Engine Division Fall Technical Conference Program at a Glance

SUNDAY, NOVEMBER 4, 2018

EVENT	WELCOME RECEPTION AND GRADUATE WORK IN PROGRESS POSTER SESSION
LOCATION	SORRENTO & SAN MARINO
18:00 - 21:00	

MONDAY, NOVEMBER 5, 2018

EVENT	BREAKFAST					
LOCATION	PAVILION					
7:00 - 8:00						
EVENT	KEYNOTE I					
LOCATION	PAVILION					
8:00 - 9:30	David Johnson, Achates Power					
EVENT	BREAK					
LOCATION	FOYER					
9:30 - 10:00	Networking					
EVENT	TECHNICAL SESSIONS					
LOCATION	SORRENTO	SAN MARINO	PORTOFINO	MARSEILLES	MARBELLA	LAS PALMAS
Track	Track 3: Advanced Combustion	Track 6: Numerical Simulation	Track 3: Advanced Combustion	Track 5: Instrumentation, Controls and Hybrids	Track 7: Engine Design & Mechanical Development	Track 2: Fuels
10:00 - 12:00	3-1: Fundamentals/SI/ Thermodynamics	6-1: Spray Moeling	3-2: Combustion Diagnostics	5-1: Combustion Analysis Methods	7-1: Design I	2-1: Spark Ignition, Fuel Sprays and Ignition Kinetics
	ICEF2018-9547	ICEF2018-9506	ICEF2018-9524	ICEF2018-9507	ICEF2018-9539	ICEF2018-9615
	ICEF2018-9559	ICEF2018-9531	ICEF2018-9561	ICEF2018-9534	ICEF2018-9616	ICEF2018-9640
	ICEF2018-9560	ICEF2018-9553	ICEF2018-9580	ICEF2018-9540	ICEF2018-9703	ICEF2018-9729
	ICEF2018-9609	ICEF2018-9612	ICEF2018-9589	ICEF2018-9776	ICEF2018-9708	ICEF2018-9733
EVENT	LUNCH AND STUDENT COMPETITION PRESENTATIONS					
LOCATION	PAVILION					
12:00 - 13:30	Lunch and Presentations from the Winners of the Undergraduate Student Presentation Competition					
EVENT	TECHNICAL SESSIONS					
LOCATION	SORRENTO	SAN MARINO	PORTOFINO	MARSEILLES	MARBELLA	LAS PALMAS
Track	Track 3: Advanced Combustion	Track 6: Numerical Simulation	Track 3: Advanced Combustion	Track 4: Emissions Control Systems	Track 7: Engine Design & Mechanical Development	Track 2: Fuels
13:30 - 15:00	3-3: Fundamentals/SI/ Thermodynamics-II	6-2: CI Combustion and Kinetics Modeling	3-4: LTC/GCI/ RCCI/HCCI	4-1: Emissions Measurement and Control and Catalyst Systems	7-2: Design II	2-2: Compression Ignition and Alternative Fuels
	ICEF2018-9611	ICEF2018-9597	ICEF2018-9723	ICEF2018-9763	ICEF2018-9522	ICEF2018-9566
	ICEF2018-9613	ICEF2018-9696	ICEF2018-9753	ICEF2018-9644	ICEF2018-9541	ICEF2018-9747
	ICEF2018-9618	ICEF2018-9699	ICEF2018-9762	ICEF2018-9777	ICEF2018-9646	ICEF2018-9673
EVENT						
LOCATION	FOYER					
15:00-15:30	Networking					

EVENT	TECHNICAL SESSIONS					
LOCATION	SORRENTO	SAN MARINO	PORTOFINO	MARSEILLES	MARBELLA	LAS PALMAS
Track	Track 3: Advanced Combustion	Track 6: Numerical Simulation	Track 3: Advanced Combustion	Track 4: Emissions Control Systems	Track 5: Instrumentation, Controls and Hybrids	Track 1: Large Bore
15:30 - 17:30	3-5: Fundamentals/SI/ Thermodynamics-III	6-4: Engine Simulation	3-6: Combustion Diagnostics	4-2: Particulate Filter Systems	5-2: Engine System Controls	1-1: Large Bore I
	ICEF2018-9628	ICEF2018-9552	ICEF2018-9648	ICEF2018-9528	ICEF2018-9583	ICEF2018-9671
	ICEF2018-9635	ICEF2018-9579	ICEF2018-9691	ICEF2018-9627	ICEF2018-9638	ICEF2018-9704
	ICEF2018-9706	ICEF2018-9587	ICEF2018-9741	ICEF2018-9687	ICEF2018-9714	ICEF2018-9710
	ICEF2018-9707	ICEF2018-9639	ICEF2018-9746		ICEF2018-9651	ICEF2018-9765
EVENT	DINNER AND AWARDS					
LOCATION	PAVILION					
18:00-21:30	Honors and Awards Banquet					

TUESDAY, NOVEMBER 6, 2018

EVENT	BREAKFAST					
LOCATION	PAVILION					
7:00 - 8:00						
EVENT	KEYNOTE II					
LOCATION	PAVILION					
8:00-8:45	Kelly Senecal, Convergent Science					
8:45-9:00	Q&A					
EVENT	BREAK					
LOCATION	FOYER					
9:00-9:30	Networking					
EVENT	TECHNICAL SESSIONS					
LOCATION	SORRENTO	SAN MARINO	PORTOFINO	MARSEILLES	MARBELLA	LAS PALMAS
Track	Track 3: Advanced Combustion	Track 6: Numerical Simulation	Track 6: Numerical Simulation	Track 7: Engine Design & Mechanical Development	Track 2: Fuels	Track 1: Large Bore
9:30 - 12:00	3-7: LTC/GCI/ RCCI/HCCI II	6-3: SI Combustion and Turbulent Modeling	6-5: 1-D and Coupled Modeling Approaches	7-3: Design III	2-3: Compression Ignition	1-2: Large Bore II
	ICEF2018-9568	ICEF2018-9574	ICEF2018-9532	ICEF2018-9567	ICEF2018-9585	ICEF2018-9523
	ICEF2018-9590	ICEF2018-9605	ICEF2018-9550	ICEF2018-9659	ICEF2018-9595	ICEF2018-9582
	ICEF2018-9610	ICEF2018-9684	ICEF2018-9581	ICEF2018-9766	ICEF2018-9647	ICEF2018-9670
	ICEF2018-9625	ICEF2018-9686	ICEF2018-9676	ICEF2018-9621	ICEF2018-9657	ICEF2018-9682
	ICEF2018-9634	ICEF2018-9690	ICEF2018-9713	ICEF2018-9774		

ASME Internal Combustion Engine Division Fall Technical Conference Program at a Glance

EVENT	LUNCH				
LOCATION	PAVILION				
12:00-13:30	Lunch				
	Invited Speaker: Chris Edwards				
EVENT	TECHNICAL SESSIONS				
LOCATION	SORRENTO	SAN MARINO	PORTOFINO	MARSEILLES	MARBELLA
Track	Track 3: Advanced Combustion	Track 6: Numerical Simulation	Track 3: Advanced Combustion	Track 5: Instrumentation, Controls and Hybrids	Track 1: Large Bore
13:30 - 15:30	3-8: LTC/GCI/RCCI/HCCI III	6-6: Engine SimulationII	3-9: Fundamentals/SI/ Thermodynamics	5-3: Advanced Measurement Techniques	1-3: Large Bore III
	ICEF2018-9649	ICEF2018-9726	ICEF2018-9734	ICEF2018-9545	ICEF2018-9505
	ICEF2018-9653	ICEF2018-9758	ICEF2018-9760	ICEF2018-9549	ICEF2018-9569
	ICEF2018-9664	ICEF2018-9722	ICEF2018-9772	ICEF2018-9570	ICEF2018-9602
	ICEF2018-9701	ICEF2018-9739	ICEF2018-9771	ICEF2018-9601	
EVENT	BREAK				
LOCATION	FOYER				
15:30-16:00	Networking				
EVENT	THE ROLE OF INTERNAL COMBUSTION ENGINES IN HYBRID ARCHITECTURE - PANEL				
16:00-17:30	Pavilion				
EVENT	DINNER ON YOUR OWN				

WEDNESDAY, NOVEMBER 7, 2018

EVENT	BREAKFAST				
LOCATION	PAVILLION				
7:00 - 8:00					
EVENT	TECHNICAL TOUR				
LOCATION	ACHATES POWER, SAN DIEGO, CA				
8:00 - 13:00	Bus will depart at 8:00am Bus meets at Hilton Resort & Spa entrance				
EVENT	COMPUTATIONAL FLUID DYNAMICS WORKSHOP				
LOCATION	PORTOFINO				
9:00 - 17:00					