

Technical program

	Mon, July 10 th	Tue, July 11 th	Wed, July 12 th	Thu, July 13 th	Fri, July 14 th			
09:00 - 09:30	Welcome reception	Session T-A	Session W-A	Session H-A	Session F-A1	Session F-B1		
09:30 - 10:00								
10:00 - 10:30	Opening							
10:30 - 11:00	Keynote K1	Coffee break	Coffee break	Coffee break	Coffee break			
11:00 - 11:30		Session T-B1	Session T-C1	Session W-B1	Session W-C1	Session H-B	Session F-A2	Session F-B2
11:30 - 12:00								
12:00 - 12:30								
12:30 - 14:00	Lunch	Lunch	Lunch	Lunch	Closing ceremony			
14:00 - 14:30	Session M-A	Session T-B2	Session T-C2	Session W-B2	Session W-C2	Guided tour to GE Oil & Gas		
14:30 - 15:00								
15:00 - 15:30								
15:30 - 16:00	Coffee break	Coffee break	Coffee break					
16:00 - 16:30	Keynote K2	Session T-B3	Session T-C3	Session W-B3				
16:30 - 17:00								
17:00 - 17:30								

 General interest (A+B)

 Technical session

 Lunches

 Tour

Side events

Monday, July 10th @ 17:00	Welcome and networking cocktail
Tuesday, July 11th @ 18:30	"Mathematics in architecture" - Guided walk through Florence city center
Wednesday, July 12th @ 17:45	Guided tour of the "Opera del Duomo" museum (not included)
Thursday, July 13th @ 20:30	Social dinner

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Keynotes and technical sessions

Session #	Speaker	Title
Keynotes		
K1	Prof. C.O. Paschereit	Recent developments in wind turbine technology
K2	Prof. R.I. Issa	Industrial CFD: a historical perspective
Technical sessions		
Monday, July 10th 2017		
M-A	Dr. A. Bianchini	Advanced aerodynamics in Vertical Axis Wind Turbines
Tuesday, July 11th 2017		
T-A	Dr. S. Salvadori	Uncertainty quantification and robust design
T-B1	Dr. M. Checcucci	Centrifugal compressors design
T-B2	Prof. G. Ferrara	Instabilities in centrifugal compressors: the case of vaneless diffuser rotating stall
T-B3	Prof. D. Fiaschi	Design of mini and micro radial turboexpanders for ORC
T-C1	Prof. R.I. Issa	An overview of computational techniques for modelling multiphase flow
T-C2	Dr. A. Andreini	Advanced two-phase flow modelling
T-C3	Dr. F. Mazzelli	Non-equilibrium condensation in high-speed flows
Wednesday, July 12th 2017		
W-A	Dr. A. Andreini	Gas turbine cooling
W-B1	Dr. L. Pinelli	Turbomachinery noise: numerical methods and applications
W-B2	Dr. F. Taddei	Turbomachinery noise: measurements and data analysis
W-B3	Dr. F. Poli	Turbomachinery aeromechanics: aerodynamically induced vibrations
W-C1	Dr. L. Mazzei	Conjugate heat transfer modelling
W-C2	Dr. M. Insinna	Unsteady component interaction
Thursday, July 13th 2017		
H-A	Prof. R. Pacciani	Transition modelling in turbomachinery - Part 1
H-B	Dr. M. Marconcini	Transition modelling in turbomachinery - Part 2
Friday, July 14th 2017		
F-A1	Dr. L. Ferrari	Dynamic pressure measurements in turbomachinery applications
F-A2	Dr. A. Picchi	Experimental methods for gas turbine heat transfer investigation
F-B1	Dr. A. Andreini	Gas turbine combustors
F-B2	Dr. D. Chiaramonti	Biofuels production and use in gas turbine combustion

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