



Technical program ⁴

	Mon, July 2 nd	Tue, July 3 rd		Wed, July 4 th		Thu, July 5 th	Fri, July 6 th	
08:45 - 09:15	Welcome reception	Keynote K3		Session W-A1		Session H-A1	Session F-A1	Session F-B1
09:15 - 09:45								
09:45 - 10:15	Opening							
10:15 - 10:45	Keynote K1	Coffee break		Coffee break		Coffee break	Coffee break	
10:45 - 11:15		Session T-A2	Session T-B2	Session W-A2	Session W-B2	Session H-A2	Session F-A2	Session F-B2
11:15 - 11:45								
11:15 - 12:15								
12:15 - 14:00	Lunch	Lunch		Lunch		Lunch	Closing ceremony	
14:00 - 14:30	Keynote K2	Session T-A3	Session T-B3	Session W-A3	Session W-B3	Guided tour to Baker Hughes		
14:30 - 15:00								
15:00 - 15:30								
15:30 - 16:00	Coffee break	Coffee break		Coffee break				
16:00 - 16:30	Session M-A4	Session T-A4	Session T-B4	Session W-A4	Session W-B4			
16:30 - 17:00								
17:00 - 17:30								

General interest (A+B)

Technical session

Lunches

Tour

Side events

Monday, July 2nd	@ 17:30	Welcome and networking cocktail
Tuesday, July 3rd	@ 18:30	"Mathematics in architecture" - Guided walk through Florence city center
Wednesday, July 4th	@ 17:45	Guided tour of the "Opera del Duomo" museum (not included)
Thursday, July 5th	@ 20:30	Social dinner

⁴ The technical program is subject to change. The final program will be released before the registration opening.

Keynotes and technical sessions⁴

Session #	Speaker	Title
Keynotes		
K1	Prof. T. Arts	Status and perspectives in gas turbine aero-thermal investigations
K2	Prof. R.I. Issa	Multi-fluid modelling of dispersed two-phase flow
K3	Dr. L.Y.M. Gicquel	The use of LES in turbomachinery design
Technical sessions		
Monday, July 2nd 2018		
M-A4	Dr. A. Bianchini	Recent developments in wind turbine technology and research
Tuesday, July 3rd 2018		
T-A2	Dr. M. Checcucci	Centrifugal compressors design
T-A3	Prof. G. Ferrara	Turbocharger design
T-A4	Prof. D. Fiaschi	Radial turboexpanders: the case of ORC cycles
T-B2	Dr. S. Puggelli	Advanced two-phase flow modelling
T-B3	Dr. T. Fondelli-D. Massini	Heat rejection and windage losses in lubricated gearboxes
T-B4	Dr. F. Mazzelli	Stationary compression systems and ejectors
Wednesday, July 4th 2018		
W-A1	Dr. A. Andreini	Gas turbine combustors
W-A2	Dr. L. Pinelli	Turbomachinery noise: numerical methods and applications
W-A3	Dr. F. Taddei	Turbomachinery noise: measurements and data analysis
W-A4	Dr. F. Poli	Turbomachinery aeromechanics: aerodynamically induced vibrations
W-B2	Dr. R. Da Soghe	Secondary air systems
W-B3	Dr. L. Mazzei	Conjugate heat transfer modelling
W-B4	Dr. S. Salvadori	Unsteady component interaction
Thursday, July 5th 2018		
H-A1	Dr. M. Marconcini	Transition modelling in turbomachinery
H-A2	Dr. S. Salvadori	Verification, validation and uncertainty quantification
Friday, July 6th 2018		
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	Prof. R. Pacciani	Numerical modeling of transition in turbomachinery
F-B2	Dr. M. Checcucci	Centrifugal pumps design and performance

⁴ The technical program is subject to change. The final program will be released before the registration opening.