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## **Overview**

Clean Electrification and Digitalization are driving forces which will shape the world. New technologies and knowledge are needed to make the world more livable and safe.

AEIT2025 International Annual Conference aims to address the main scientific and technological challenges needed today both to decarbonize the environment and to guarantee the security of energy supplies for our communities. These themes will in fact be the main themes of the conference.

AEIT2025 is an international forum dedicated to the dissemination of new ideas, research and work in progress in the sectors of integration of renewable energy, generation, transmission and distribution of energy, power systems, power electronics, automation and ICT applications. The objectives of the conference are high quality research and professional involvement between industry and academia for the advancement of science, technology and education.

The event can also be an occasion for fruitful discussions on energy plans to be developed in conditions of uncertainty in a complex world.

AEIT2025 is in its 117<sup>th</sup> edition: speakers and participants will be connected all over the world. The main features of the conference include Invited Talks, Regular Sessions, Special Sessions.

PROGRAMME	
Wednesday, 10 September	
8:30-9:15	Registration
9:15-9:30	MAIN ROOM
	Welcome Statements
9:30-10:30	Room A, Room B
	Parallel Special and Technical Sessions
10:30-13:00	MAIN ROOM
	Panel: Idroelettrico: generazione e pompaggio
13:00-14:00	Lunch
14:00-16:00	MAIN ROOM
16:00-16:30	Workshop IRIS LAB
16:00-16:30	Coffee Break  MAIN ROOM
16:30-18:30	Keynote Speech: Le reti wireless 6G per abilitare una nuova Smart Energy
	Panel on ICT: Paradigmi innovativi tra ICT ed energia: opportunità e sfide
16:30-18:30	Room A, Room B
	Parallel Special and Technical Sessions
18:30-20:00	MAIN ROOM
	SME and Start Up Session
Thursday, 11 September	
8:30-10:30	MAIN ROOM, Room A, Room B
	Parallel Special and Technical Sessions
10:30-11:00	Coffee Break
11:00-13:00	MAIN ROOM
	Round Table:
	Competenze professionali nell'ingegneria specialistica: le gallerie stradali
13:00-14:00	Lunch
14:00-16:00	MAIN ROOM
	Keynote Speech
46.00.46.20	Panel: Strategie e tecnologie per l'evoluzione energetica
16:00-16:30	Coffee Break
16:30-18:30	MAIN ROOM  Panel on Energy: L'impatto della transizione energetica sulla sicurezza e continuità della
	alimentazione
18:30-19:00	MAIN ROOM
	Premio Isabella Sassi Bonadonna a studenti UNICAL/A2A
21:00	Cena del Convegno
Friday, 12 September	
8:30-10:30	MAIN ROOM, Room A, Room B
	Parallel Special and Technical Sessions
10:30-11:00	Coffee Break
11:00-12:45	MAIN ROOM
	Panel: Case Histories
11:00-12:45	Room A, Room B
	Parallel Special and Technical Sessions
12:45-13:00	MAIN ROOM
	AEIT2025 International Annual Conference Closing Session