While COVID19 has disrupted the world, the pressure to change our society to make it more secure, resilient, and environmentally friendly has increased. The international conference AEIT 2021 addresses main scientific and technological challenges needed to decarbonize and make more resilient our society while providing an outlook to the opportunities which derive from the energy and digital transition at the center of the political agenda worldwide.

Intelligent and sustainable management of technological grids, decarbonization through electrification, tight interdependent energy systems, large bandwidth interconnections and digital solutions for the modern knowledge-based society, advanced regulation, legislation, and economics for a fast-paced transition will be among main topics of the conference.

AEIT 2021 is an international forum on the scientific and industrial outcomes aiming to stimulate innovative entrepreneurial initiatives and increase competitiveness.

AEIT 2021 is at its 113th edition and its second edition as a virtual conference: speakers and attendees will be worldwide connected.
The conference will include Special Sessions on highly specialized topics reporting technical trends and breakthroughs within the scope of the conference.

The conference will include a number of Tutorials on cutting edge technologies related to the conference topics. Therefore, the Organizing Committee invites outstanding researchers in respective area to propose tutorials to be presented during the conference. Proposals should include: title, name of instructor(s), a 500 word (max) abstract, a detailed list of topics, instructor’s CV, a list of most relevant papers published by instructor(s) in the area of the tutorial. A template is available on the conference website.

The best Contribution from Students and Graduates in recent years submitted to the conference will be rewarded.
EXECUTIVE COMMITTEE

Debora Stefani  ❘ AEIT General President, General Chair, Italy
Massimo La Scala  ❘ Technical Program General Chair, Italy
Roberto Caldon  ❘ Technical Program Chair, Italy
Angelo Raciti  ❘ Technical Program Chair, Italy
Adamo N. Panzanella  ❘ Logistics Chair, Italy
Sergio Bruno  ❘ Publication Chair, Italy
Stefano Pirani  ❘ Web Services Chair, Italy
Gianfranco Veglio  ❘ Finance Chair, Italy

YOUNG COMMITTEE

Alessandro Bosisio  ❘ Italy
Giulia Cifalinò  ❘ Italy

TECHNICAL COMMITTEE

Ahmed Al Durra  ❘ Khalifa University United, UAE
Romano Ambrogi  ❘ RSE, Italy
Amedeo Andreotti  ❘ Università di Napoli Federico II, Italy
Oreste Andrisano  ❘ Università di Bologna, Italy
Ebrahim Babaei  ❘ University of Tabriz, Iran
Marcello Baricco  ❘ Università di Torino, Italy
Massimo Battaglini  ❘ Univ. Politecnica delle Marche, Italy
Roberto Benato  ❘ Università di Padova, Italy
Radu Bojoi  ❘ Politecnico di Torino, Italy
Silverio Bolognani  ❘ Università di Padova, Italy
Concettina Buccella  ❘ Università dell’Aquila, Italy
Maide Bucolo  ❘ Università di Catania, Italy
Alessandro Busacca  ❘ Università di Palermo, Italy
Maria Agostina Cabiddu  ❘ Politecnico di Milano, Italy
Giuseppe Cafaro  ❘ Politecnico di Bari, Italy
Giovanni Cancellieri  ❘ AEIT-AICT, Italy
Claudio Canizares  ❘ University of Waterloo, Canada
Enrico Maria Carlini  ❘ Terna, Italy
Fabrizio Cattani  ❘ AEIT, Italy
Carlo Cecati  ❘ Università dell’Aquila, Italy
Vittorio Cecconi  ❘ AEIT-ASTRI, Italy
Claudio Cherbaucich  ❘ RSE, Italy
Kwok W. Cheung  ❘ GE Grid Solutions, USA
Hsiao-Dong Chiang  ❘ Cornell University, USA
Gianfranco Chicco  ❘ Politecnico di Torino, Italy
Maria Gabriella Cimoroni  ❘ Università dell’Aquila, Italy
Alessandro Clerici  ❘ WEC Italy and FAST, Italy
Giuseppe Coco  ❘ Università di Firenze, Italy
Stefania Conti  ❘ Università di Catania, Italy
Alessandra Costanzo  ❘ Università di Bologna, Italy
Cristina Cristalli  ❘ u-sense.it, Italy
Rita Cucchiara  ❘ Univ. di Modena e Reggio Emilia, Italy
Francesco Cupertino  ❘ Politecnico di Bari, Italy
Alfonso Damiano  ❘ Università di Cagliari, Italy
Pasquale Daponte  ❘ Università del Sannio, Italy
Enrico De Tuglie  ❘ Politecnico di Bari, Italy
Andrea Del Pizzo  ❘ Università di Napoli Federico II, Italy
Maria Dicorato  ❘ Politecnico di Bari, Italy
Sasa Djokic  ❘ The University of Edinburgh, United Kingdom
Vittorio Ferrari  ❘ Università di Brescia, Italy
Fulvio Fontini  ❘ Università di Padova, Italy
Giuliuca Fulli  ❘ JRC, Italy
Carmen Galassi  ❘ CNR-ISTEC and Politecnico di Milano, Italy
Giovanni Ghione  ❘ Politecnico di Torino, Italy
Giorgio Giacinto  ❘ Università di Cagliari, Italy
Monica Giulietti  ❘ Loughborough University, United Kingdom
Giorgio Graditi  ❘ ENEA, Italy
Marco Grande  ❘ Politecnico di Bari, Italy
George Gross  ❘ University of Illinois Urbana-Campaign, USA
Diego Iannuzzi  ❘ Università di Napoli Federico II, Italy
Antonio Imbruglia  ❘ AEIT-AMES, Italy
Mariano Ippolito  ❘ Università di Palermo, Italy
Loi Lei Lai  ❘ Guangdong University of Technology, China
Regina Lamedica  ❘ Sapienza Università di Roma, Italy
Roberto Langella  ❘ Univ. della Campania Luigi Vanvitelli, Italy
Marco Liserre  ❘ Christian Albrechts Universität zu Kiel, Germany
TECHNICAL COMMITTEE

Lucia Lo Bello • Università di Catania, Italy
Michela Longo • Politecnico di Milano, Italy
Vahid Madani • GridTology, USA
Mario Mañana Canteli • University of Cantabria, Spain
Emanuela Marcelli • Università di Bologna, Italy
Stefano Massucco • AEIT-AEE, Italy
Francesco Matera • Fondazione Ugo Bordoni, Italy
Cecilia Metra • Università di Bologna, Italy
Rosario Miceli • Università di Palermo, Italy
Gian Carlo Montanari • Florida State University, USA
Giovanni Muscato • Università di Catania, Italy
Carlo Alberto Nucci • Università di Bologna, Italy
Roberto Oboe • Università di Padova, Italy
Mario Pagano • Università di Napoli Federico II, Italy
Mario Paolone • EPFL, Switzerland
Giuseppe Parise • Sapienza Università di Roma, Italy
Gianni Pasolini • Università di Bologna, Italy
Nicola Pasquino • Università di Napoli Federico II, Italy
Salvatore Pennisi • Università di Catania, Italy
Andrea Penza • AEIT-AICT, Italy
Fabrizio Pilo • Università di Cagliari, Italy
Massimo Pompli • Sapienza Università di Roma, Italy
Marjan Popov • TU Delft, The Netherlands
Rahmat Poudineh • University of Rijeka, Croatia
Giuseppe Marco Tina • Università di Catania, Italy
Farhad Rachidi • EPFL, Switzerland
Roberta Ramponi • IFN-CNR and Politecnico di Milano, Italy
Desire Rasolomompianona • WUT, Poland
Christian Rehtanz • TU Dortmund, Germany
Daniele Riccio • Università di Napoli Federico II, Italy
Gerasimos Rigatos • Industrial Systems Institute, Greece
Mario Rinaldi • AEIT, Italy
Sebastian Rios • Catholic University of Chile, Chile
Eleonora Riva Sanseverino • Università di Palermo, Italy
Renato Rizzo • Università di Napoli Federico II, Italy
Santi Agatino Rizzo • Università di Catania, Italy
Alessandro Rubino • Università di Bari, Italy
Gianluca Sapienza • E-Distribuzione, Italy
Giovanni Schembra • Università di Catania, Italy
Pier Luigi Siano • Università di Salerno, Italy
Srdjan Skok • University of Rijeka, Croatia
Ernesto Somma • Università di Bari and Invitalia, Italy
Susanna Spinsante • Università Politecnica delle Marche, Italy
Domenico Stefanelli • Enel, Italy
Thomas Strasser • AIT Austrian Institute of Technology, Austria
Giorgio Sulligoi • Università di Trieste, Italy
Bernardo Tellini • Università di Pisa, Italy
Vladimir Terzija • Skoltech, Russia
Giuseppe Marco Tina • Università di Catania, Italy
Alfredo Vaccaro • Università del Sannio, Italy
Giorgio Ventre • Università di Napoli Federico II, Italy
Paola Verde • Università di Cassino e del Lazio Meridionale, Italy
Domenico Villacci • Università del Sannio, Italy
Jie Wang • Shanghai Jiao Tong University, China
Sheldon Williamson • Ontario Tech University, Canada
Dario Zaninelli • Politecnico di Milano, Italy
Junbo Zhao • Mississippi State University, USA
Rongwu Zhu • Harbin Institute of Technology, China
Ahmed F. Zobaa • Brunel University, United Kingdom

IMPORTANT DATES

Paper submission • July 26, 2021
Student Contest Paper Submission • July 26, 2021
Acceptance notification • August 6, 2021
Final Manuscript and Presentation • September 16, 2021

SECRETARIAT

AEIT Ufficio Centrale • Via M. Macchi 32 • 20124 Milano
E-mail: convegnoannuale@aeit.it
Web Site: https://convegni.aeit.it/AEIT2021