2015 AEIT International Annual Conference Technical Programme

Wednesday, October 14 2015
14,45-19,30

Room A

A1 Sustainability, Renewable Energy Sources, New configuration of Electricity Grids and their Management
Chair: Roberto Caldon - *AEIT-AEE President*

Technology Venturing and Universities: a Key Driver for Sustainable Development
R. Vona, N. Di Paola, L. Caroppo - University of Naples Federico II
Il caso delle isole del Mediterraneo non interconnesse alla rete
A. Bianchi, M. Mazzoni - NE Nomisma Energia
New Services for End Customers in Enel's Smart City Projects
M. Lombardi, S. De Francisci, S. Di Carlo, C. Silvestri, F. Ciancarelli - Enel Distribuzione
Using Stormwater Detention Tanks as Storage System for Sustainable Energy Management in a Smart City Framework
D. Menniti, A. Pinnarelli, N. Sorrentino, G. Belli, G. Barone Members, IEEE
New Dispatching Strategy for the Integration of Active-Demand and Distributed Storage in the Electricity Market
E. Telaretti, M.G. Ippolito, L. Dusonchet, S. Favuzza, E. Riva Sanseverino, F. Massaro, G. Zizzo, G. Pecoraro - Università di Palermo
The E-Visiøn Project: Electric-Vehicle Integration for Smart Innovative 0-CO$_2$ Networks
G. Celli, S. Mocci, N. Natale, F. Pilo, S. Ruggeri - University of Cagliari
Techno-Economic Evaluation of Photovoltaic Installations Located on the Premises of an End-Use Electric Consumer
E. Ghiani, C. Vertuccio, F. Pilo - University of Cagliari
Gestione e controllo del carico in relazione alla fornitura di regolazione per contribuire alla sicurezza della rete elettrica
F. Conte, S. Massucco, F. Silvestro - Università degli Studi di Genova, E. Ciapessoni, D. Cirio, A. Pitto - Ricerca sul Sistema Energetico-RSE
Optimization of energy exchanges in utility grids with applications to residential, industrial and tertiary cases
G. Gambino, F. Verrilli, C. Del Vecchio, S. Srinivasan, L. Glielmo - University of Sannio
Methodology for the Optimal Siting and Sizing of Storage Systems in Distribution Networks
G. Viganò, M. Rossi, D. Moneta, C. Carlini - Ricerca sul Sistema Energetico-RSE
A Receding Horizon Approach for the Power Flow Management with Renewable Energy and Energy Storage Systems
A. Maffei, S. Srinivasan, L. Iannelli, L. Glielmo - University of Sannio

Frequency constrained optimal Power Flow based on Glow-worm Swarm Optimization in Islanded Microgrids
E. Riva Sanseverino, N.Q. Nguyen, M.L. Di Silvestre, G. Zizzo - Università di Palermo, F. de Bosio - Politecnico di Torino, Q. Tran - Institute of Energy Science, Vietnam

Integration of Droop Control Functions for Distributed Generation in Power Flow Simulations
M. Rossi, G. Viganò, D. Moneta, C. Carlini - Ricerca sul Sistema Energetico - RSE

Applications of the Solid State Transformer Concept in the Electrical Power System
F. Bignucolo, M. Bertoluzzo, C. Fontana - University of Padova

The role of high efficiency trigeneration plants within sustainable smart microgrids: performance analysis and experimental tests
S. Bracco, F. Delfino - University of Genova

The electrotechnical standardization activities on the environment for a sustainable development: from energy efficiency to the efficiency and reuse of resources and materials
A. Legnani - CEI

Room B
B1 SMART CITY I: Communications, Photonics & Networks
Chair: Maurizio Mayer – *AEIT VicePresident*

Enhance the QoE for Smartphone Applications: an API approach for QoS control in LTE-A
R. Viti, T. Pecorella, L. Brilli, R. Fantacci - Università di Firenze, C. Carlini - Telecom Italia

User Initiated Identity Switch Between LTE UEs
R. Viti, L. Brilli, T. Pecorella, R. Fantacci - Università di Firenze

One-shot SPICE Simulation of Photovoltaic Modules, Storage Elements, Inverter and Load
D. Iero, R. Carbone, R. Carotenuto, C. Felini, M. Merenda, G. Pangallo, F.G. Della Corte - Università degli Studi "Mediterranea" di Reggio Calabria

Evolution of Marine Radar: Practical Effects on Vessel Traffic Safety
G. Galati, G. Pavan - Tor Vergata University

LTE Services over the 800 MHz Band: Interference Effects on DVB-T Channels caused by the Uplink Signal
M. Celidonio, P.G. Masullo, L. Pulcini - Fondazione Ugo Bordoni, M. Vaser - University of Rome Tor Vergata, G. Fusco, M. Ferrante – ISCTI Min. Sviluppo Economico

High-Field Enhancement Factor in Photonic Nanostructures
S. Romano, I. Rendina, V. Mocella - IMM-CNR

Color Encoding of Phase: a new Step in Imaging by Structured Light and Single Pixel Detection
E. De Tommasi, L. Lavanga - IMM-CNR, S. Watson, M. Mazilu - University of St. Andrews, UK

Performance Analysis of FS-AMC for OFDM Systems
A. Hamidane, D. Berkani - Ecole Nationale Polytechnique, Algeria, A. Anou - Blida University, Algeria

Fabrication and electro-optical characterization of Ruthenium-based Dye-Sensitized Solar Cells
A. Parisi, C. Di Garbo, R. Pernice, G. Adamo, A.C. Cino, P. Livreri, F. Ricco Galluzzo, A.C. Busacca - University of Palermo, G. Calogero, G. Di Marco, C. Vasi - IPCF-CNR

Physiological Parameters Measurements in a Cardiac Cycle via a Combo PPG-ECG System
D. Oreggia, S. Guarino, A. Parisi, R. Pernice, G. Adamo, L. Mistretta, P. Di Buono – University of Palermo, G. Fallica, G. Ferla - STMicroelectronics, A.C. Cino, C. Giaconia, A.C. Busacca - University of Palermo

A Novel Multimedia-Multisensorial 4D Platform
S. Bartocci, S. Betti, G. Marcone, M. Tabacchiera, F. Zanuccoli - University of Rome "Tor Vergata", A. Chiari - Institute for ICT – I.S.C.T.I.

Silicon photonics packaging automation: problems, challenges and considerations
G. Preve - CNIT

Experimental and Simulation Investigation on the TCP Performance for Wireless Broadband Environment
A. Rufini, M. Giuntini, A. Valenti - Fondazione Ugo Bordoni, D. Del Buono - ISCOM

Inquinamento elettromagnetico
Dal paradigma della qualità totale alla sostenibilità
A. Aimone - Collegio Periti Industriali e Periti Industriali Laureati di Napoli

Wireless M2M Capacity Analysis for Smart Distribution Grids
S. Persia, V. Petrini, L. Rea, A. Valenti - Fondazione Ugo Bordoni

Implementing fuzzy sets for "big data" analysis Based on large training center feedbacks
D. Dintsis – PgMP, Russia

A Hybrid Approach to Enterprise Business Models
M. Ugolini - Roma TRE University, E. Smith - BT Group, UK

Dimmable LED Lamps: Analysis of the Harmonic Content Introduced in the Power Network
S. Di Mauro, S. Musumeci, A. Raciti, G. Vasta - University of Catania

Room C
C1 Suburban Railway Transport
Chair: G. Guidi Buffarini – *Italferr*

Dynamic Maintenance Management System la manutenzione dinamica per il miglioramento continuo di Trenitalia
P. Masini, S. Romano - Trenitalia

Manutenzione ferroviaria: finalità e evoluzione
L. Bianco - Alstom – Sistemi Ferroviari, F. Cositore - Università of Napoli Federico II, L. Fusco - Collegio Ingegneri Ferroviari Italiani CIFI and Università di Napoli Federico II

Functional Safety of Railway Systems
M. Arena, F. Foiadelli - Politecnico di Milano, G. Acquaro, M. Gentile- Rete Ferroviaria Italiana
Inverter 3kVcc/400Vca per l'alimentazione degli impianti presenti lungo le linee ferroviarie
P. Delucca, E. Fedeli, A. Isi - RFI - Direzione Produzione, L. Luciani, M. Mungivera - Sysco
Application of Battery Auxiliary Substations in 3kV Railway Systems
R. Lamedica, A. Ruvio – Sapienza University of Rome, V. Galdi, G. Graber - University of Salerno, P. Sforza - MER MEC, G. Guidi Buffarini – Italferr, C. Spalvieri - Rete Ferroviaria Italiana
An 'on scale' simulator for Urban DC railway traction application
D. Iannuzzi, P. Natale, A. Nizza, M. Pagano - University of Naples "Federico II"
Analisi di alimentazione integrata di un nodo ferroviario AV
G. Guidi Buffarini, G. Trezza - Italferr, P. Caramia - Università degli Studi di Napoli "Parthenope"
Power Quality Analysis in AT Electric Railways Using a Comprehensive Model
A. Zahedmanesh, M. Abedi, H. Hosseinian - Amirkabir University of Technology Tehran, Iran

Room D
D1 Electrical and Electronics Measurements
Chairs: R. Buccianti – *ASTRI-AEIT,* V. Cecconi – *AEIT-ASTRI President*

Analysis of Bovine Sperm Cells by a Combined Holographic and Raman Microscopy Approach
A. De Angelis – IPB-CNR, M.A. Ferrara – IMM-CNR, G. Di Caprio – IMM-CNR and Harvard University, USA, S. Managò – IPB-CNR, L. Sirleto, G. Coppola – IMM-CNR, A.C. De Luca – IPB-CNR
Applying a Kalman Smoother to Synchrophasor Estimation
D. Fontanelli, D. Petri - University of Trento
Real-time Diagnostic and Monitoring on Railway Vehicles for Goods Transportation
O. Brignole, C. Cavalletti, G. Lauro, A. Maresca, N. Mazzino - Ansaldo STS, M. Balato, A. Buonomo, L. Costanzo, M. Giorgio, R. Langella, A. Lo Schiavo, D. Scaldarella, A. Smoraldi, A. Testa, L. Verde, M. Vitelli - Second University of Naples
Problematiche fiscali e contrattuali connesse alla costruzione e gestione di un impianto fovoltaico
A. Gagliardi, F. D'Auria
Experimental Study of BIPV (Building Integrated Photovoltaics) Modules Running as Solar Passive Air Heaters for the Regeneration of a Desiccant Wheel
J.D. González, J. Montoliu, A. Viedma, J.R. García, M. Hernández, B. Zamora, A.S. Kaiser - Universidad Politécnica de Cartagena, Spain, M. Lucas, J. Ruiz, P.J. Martínez, P. Martínez - Universidad Miguel Hernández, Spain

D2 Converters, Machines and Electrical Drives
Chairs: A. Del Pizzo – *Università di Napoli Federico II,* V. Cecconi – *AEIT-ASTRI President*

Development of Sensorless PM Servo-System for Harsh Environments
B. Allotta, L. Pugi, L. Paolucci, P. D'Adamio, L. Nocentini - University of Florence, M. Niehaus, E. Grasso, E. Kanapari - Saarland University, Germany

A Ten-Parameter Model for the Static Hysteresis Simulation of Ferromagnetic Materials
F. Riganti Fulginei, G.M. Lozito, A. Salvini - Roma Tre University Rome

Effective Permeability of Shielding Mortars containing Ferromagnetic particles by using FEM
A. Laudani, G.M. Lozito - Roma Tre University, S. Coco, G. Pollicino - University of Catania

EMI Filters Components Using Planar Magnetic Technology
M. Cacciato, L. Finocchiaro, A. Raciti, G. Scarcella, G. Scelba - University of Catania

Design and experimental characterization of a low-cost, real-time, wireless AC monitoring system based on ATmega 328P-PU microcontroller
M. Caruso, A.O. Di Tommaso, R. Miceli, G. Ricco Galluzzo, P. Romano, G. Schettino, F. Viola - University of Palermo

DC Link Voltage Swinging and Load Current Unbalance in Fault Tolerant VSI. Overview and Compensation Strategies
V. Boscaino, A.O. Di Tommaso, F. Genduso, R. Miceli, member IEEE - University of Palermo

Local DoS Applications with Micro Wind Generation Systems
S. Benanti, V. Boscaino, M. Caruso, V. Cecconi, G. Cipriani, M. Corpora , V. Di Dio, A.O. Di Tommaso, F. Genduso, D. La Cascia, R. Liga, R. Miceli, F. Pellitteri, G. Ricco Galluzzo, P. Romano, G. Schettino, C. Spataro, M. Trapanese, F. Viola - University of Palermo

Review of Acoustic Methods for Space Charge Measurement
G. Ala, M. Caruso, V. Cecconi, S. Ganci, A. Imburgia, R. Miceli, P. Romano, F. Viola - Università degli Studi di Palermo

Winding Reconstruction Based on Magnetic Flux Density in Air-gap of IM
R. Cipin - Brno University of Technology, Czech Republic

Comparison of Conventional and Meta-Heuristic Methods for Security-Constrained OPF Analysis
J. Gunda, S. Djokic - The University of Edinburgh, Scotland, UK, R. Langella, A. Testa - The Second University of Naples

Energy Efficiency Index for Water Supply Systems
A. Carravetta, M.C. Conte – "Federico II" University, L. Antipodi - Caprari

Thursday October 15,2015
14,45-19,30

A2 Components, methods and technologies for the transmission and distribution of electricity
Chair: A: Testa – *Second University of Naples*

Terminal stations Design for Submarine HVAC Links
Capri-Italy and Malta-Sicily Interconnections
E. Di Bartolomeo, A. Di Giulio, F. Palone, M. Rebolini, V. Iuliani - Terna Rete Italia

A Vision of Change for the Mediterranean Electricity Systems
M. Celozzi, C. Sabelli – Terna, A. Mannocchi – Med-TSO, G. Manzoni - Enginet

Dynamic Line Rating of Overhead Lines by Cooperative and Self-Organizing Sensor Networks
C. Pisani, A. Vaccaro - Senior Member IEEE, D. Villacci - Member IEEE

A Dynamic Equivalencing Preliminary Study on ENTSO-E CESA Power System
G.M. Giannuzzi - Terna Rete Italia, D. Lauria - Università degli Studi di Napoli, C. Pisani - Università degli Studi del Sannio, W. Sattinger - Swissgrid, Switzerland, D. Villacci - Università degli Studi del Sannio

Sodium Nickel Chloride Cell Model for Stationary Electrical Energy Storage
R. Benato, S. Dambone Sessa - University of Padova, G. Crugnola, M. Todeschini, S. Zin – Fiamm Sonick

Operating Strategies for Congestion Managent of HV Lines Using NaS Batteries
F. Palone, M. Rebolini, M. De Simone, S. Gentili, G.M. Giannuzzi - Terna Rete Italia

Un'innovativa metodologia probabilistica per la valutazione della Net Transfer Capacity nei Sistemi Elettrici
F. Adinolfi, S. Massucco, M. Saviozzi, F. Silvestro - Università degli Studi di Genova, E. Ciapessoni, D. Cirio, A. Pitto - Ricerca sul Sistema Energetico - RSE

Influence of Management and System Configuration on Performances and Lifetime of Lithium-Ion Batteries
E. Micolano, R. Lazzari, L. Pellegrino - Ricerca sul Sistema Energetico - RSE

Modelling of Outages Occurrence in Medium Voltage Power Lines
M. Catelani, L. Ciani, A. Fossi, A. Giorgi - University of Florence, A. Battistone, C. D'Adamo, G. Fioriti - Enel Distribuzione

Test Facility for Control System Validation in Electric Industrial Plants
P. Butera, G.M. Casolino, M. Russo - Università degli Studi di Cassino e LM Cassino, D. Pescosolido - Schneider Electric

User Fiendly Smart Distributed Measurement System for Monitoring and Assessing the Electrical Power Quality
M. Di Manno, P. Varilone, P. Verde – Università degli Studi di Cassino e del Lazio Meridionale, M. De Santis - Università degli studi Niccolò Cusano, C. Di Perna, M. Salemme - Earth Wind & Sun

A study of harmonic and inter-harmonic distortions originating from the operation factors of wind systems
J.P.C. Silveira, L.R. Soares Junior, A.L. Ferreira Filho - Universidade de Brasília - UnB, Brazil
Thermal Behavior of Distribution MV Underground Cables
A. Sturchio, G. Fioriti - Enel Distribuzione, M. Pompili, L. Calcara - University of Roma "Sapienza"
Valutazione del rischio elettrico dovuto ad Arc Flash in D.C.
P.A. Scarpino - Università di Firenze
Tecniche di valutazione e riduzione del rischio elettrico dovuto ad Arc Flash in A.C.
P.A. Scarpino - Università di Firenze
Energy Efficiency and Internet of Things in a Low Voltage Distribution System
The Experience of an International Switchgear Manufacturer
M. Re - Legrand, M. Scalvini – Bticino
New Generation of Compact Busbar
C. Nicolò - EAE Italia

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Room B
B2 IOT, Smart Home & Sensors
Chair: Angelo Raciti – *Università di Catania*

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Introducing the International Microelectronics Assembly and Packaging Society (IMAPS)
L. Calligarich
Future trends in microelectronic device packaging
F. Ziglioli – STMicroelectronics
Embedded Surveillance System Using Background Subtraction and Raspberry PI
G. Cocorullo, P. Corsonello, F. Frustaci, L. Guachi, S. Perri - Università della Calabria
A Layout Strategy for Low-Power Voltage Level Shifters in 28nm UTBB FDSOI Technology
P. Corsonello, F. Frustaci, S. Perri - Università della Calabria
Physical Unclonable Functions based on NanoMOSFET Voltage Divider
F. Crupi, D. Albano, M. Lanuzza - Università della Calabria
Hardware Implementation of a Test Lab for Smart Home Environments
A. Cordopatri, R. De Rose, C. Felicetti, M. Lanuzza, G. Cocorullo - University of Calabria
SMPS with Zero Standby Power for Electronic Household Equipment
C. Adragna, C. Mazzurco, M. Sciortino - STMicroelectronics
Smart metering gas, i nuovi sistemi di telegestione.
Un ambiente di prova dedicato per garantirne l'intercambiabilità e l'interoperabilità
A. Scaglia, M. De Angelis - IMQ - Istituto Italiano del Marchio di Qualità, D. Bellatreccia - ALTRAN

An Integrated Interferometric Sensor for Electromagnetic Field
M. Medugno - IMM-CNR
Study of Raman Amplification in Nanostructured Materials
M.A. Ferrara - - IMM-CNR, A. D'Arco - IMM-CNR and Second University of Naples, M. Indolfi, L.Sirleto
Metodologia di progettazione di OTA a tre stadi di guadagno CMOS sottosoglia
A.D. Grasso, G. Palumbo, S. Pennisi - Università degli Studi di Catania, D. Marano - INAF - Osservatorio Astrofisico di Catania, A. Imbruglia - STMicroelectronics
Silicon Schottky Photodetector Based on Non-Conventional Materials
M. Casalino, I. Giglio, G. Coppola, M. Gioffrè, V. Tufano, I. Rendina - IMM-CNR
Bio-Inspired Ultrasonic System for Time of Flight Detection
S.A. Pullano, F. Laganà, A.S. Fiorillo - University Magna Græcia, G. Cocorullo - University of Calabria
MEMS force microactuator with displacement sensing for mechanobiology experiments
F. Cerini, M. Ferrari, V. Ferrari - University of Brescia, A. Russo, M. Azpeitia Urquia - STMicroelectronics, R. Ardito, B. De Masi - Politecnico di Milano, M. Serzanti, P. Dell'Era - University of Brescia
Future trends in Printed Circuit Board Assembly
A. Ciappesoni – Elemaster
Reliability and electronic device characterization
M. Taddei - Gestlabs

C2 Shipboard Applications and Urban Railway Mobility
Chair: Massimo Ceraolo – *Università di Pisa*

Toward the Future: the MVDC Large Ship Research Program
D. Bosich, A. Vicenzutti - University of Trieste, R. Pelaschiar – Fincantieri Italian Shipyards, R. Menis, G. Sulligoi - University of Trieste
Zonal Electrical Distribution Systems in Large Ships: Topology and Control
E. Tironi, M. Corti - Politecnico di Milano, G. Ubezio - Energy Components and Consulting
Energy Optimization of Hybrid Vehicles: A General, Suboptimal Analysis
M. Ceraolo, G. Lutzemberger - University of Pisa
The Automation Control Systems for the Efficiency of Metro Transit Lines
M. Longo - Politecnico di Milano, M. Bramani - MM
Kinematic Formulation of Energy-Efficient Speed Profiles on Railway
F. Simonelli, M. Gallo - Università del Sannio, V. Marzano - Università degli studi di Napoli Federico II Napoli

Conversion Systems for Braking Energy Recovery in 3 kV$_{DC}$ Railway Lines
M. Barra Caracciolo, M. Berrera - Ferrovienord, M. Brenna, D. Zaninelli - Politecnico di Milano
Object Oriented Simulation of Longitudinal Train Dynamics
Efficient Tools to Optimize Sustainability and Efficiency of Railway Systems
A. Frilli, E. Meli, D. Nocciolini, L. Pugi, A. Rindi - Università di Firenze
A Stochastic Approach for Assessing Intervention Strategies in the Case of Metro System Failures
M. Botte, L. D'Acierno, B. Montella - Federico II University of Naples, A. Placido - D'Appolonia

Room D
D3 Advances in Bioengineering Methods and Instrumentation
Chairs: Sergio Cerutti – *Politecnico di Milano*, Luigi Landini – *University of Pisa,*
V. Cecconi – *AEIT-ASTRI President*

Integrating Structural and Functional Brain Connectivity
G. Baselli - Politecnico di Milano, N. Bergsland, O. Di Pasquale, E. Scaccianoce, Politecnico di Milano and MRI Lab, Fondazione don Gnocchi, M. Laganà, I. Costantini, L. Pelizzari, M. Clerici, F. Baglio - MRI Lab, Fondazione Don Gnocchi
Brain Dynamics During Emotion Elicitation in Healthy Subjects: an EEG Study
G. Valenza , A. Greco, A. Lanata, C. Gentili, D. Menicucci, L. Sebastiani, A. Gemignani, E.P. Scilingo - Università di Pisa
Analysis of Running Speech for the Characterization of Mood State in Bipolar Patients
A. Guidi, E.P. Scilingo, L. Landini, N. Vanello - University of Pisa, G. Bertschy - Univ. Hospital and Univ. of Strasbourg,, France, C. Gentili - University of Pisa
Acoustic Cavitation for Producing Foam in Sclerosant Drugs
A.S. Fiorillo, C.D. Critello, S.A. Pullano, S. De Fraciscis - University Magna Græcia
Bioengineering Activities in Proprioceptive and Robotic Rehabilitation at Salvatore Mau geri Foundation
M. Cesarelli, L. Iuppariello - University of Naples "Federico II", M. Romano - University "Magna Graecia" of Catanzaro, P. Bifulco - University of Naples "Federico II", G. D'Addio - S. Maugeri Foundation
A Signal Decomposition Based Kalman Smoother for T-Wave Alternans Detection
E. Kheirati Roonizi - Università degli Studi di Milano, R. Sassi - Università degli Studi di Milano Crema
Natural and Synthetic Nanostructured Materials for Biomedical Applications
I. Rea – IMM-CNR, , M. Terracciano, J. Politi, A. Caliò - IMM-CNR and University of Naples Federico II, P. Dardano, M. Gioffrè – IMM-CNR, A. Lamberti - University of Naples, I Rendina, L. De Stefano – IMM-CNR

Development of an Innovative Superconducting Magnetic Energy Storage System
S.A. Pullano, A.S. Fiorillo - University Magna Græcia, A. Morandi, P.L. Ribani - University of Bologna

Micromagnetic Study of Skyrmion Racetrack and Microwave Oscillator
R. Tomasello - University of Calabria, M. Carpentieri - Politecnico of Bari, V. Puliafito, A. Giordano, G. Siracusano, B. Azzerboni, G. Finocchio - University of Messina

Design aspects of seismic metamaterials
B. Azzerboni, F. Garescì, G. Finocchio - University of Messina, O. Casablanca, M. Chiappini - National Institute of Geophysics and Volcanology (INGV)

Modeling of the Magnetocrystalline Cubic Anisotropy in Fe-Si Electrical Steels
S. Quondam Antonio, M. Pompei - University of Perugia

On the Accuracy of Vector Magnetization Measurements for FeSi Steel Sheets with Different Thicknesses and Different Grain sizes
S. Quondam Antonio, M. Pompei - University of Perugia

Experimental EMF Characterization of a Secondary Substation
G. Cangemi, A. Cataliotti, G. Cipriani, V. Cosentino, V. Di Dio, S. Nuccio - Università di Palermo, D. Di Cara, G. Tinè – ISSIA-CNR, M. Melodia - CEP

Prospettive di occupazione dei diplomati e dei laureati in discipline elettriche ed elettroniche
G. Cancellieri - Università Politecnica delle Marche

Virtual Learning for People with Hearing Impairs
D. Dintsis - PE Dintsis - Russian Federation, A. Bredikhin - ITFORYOU, Russian Federation

A Vision of Data-Based Decision Support System in Urban Retrofitting
Form Passive House to Active Neighbourhood
S. Verovsek, M. Juvancic, T. Zupancic - University of Ljubljana, Slovenia

L'importanza della formazione professionale per uno sviluppo sostenibile nel settore dell'energia
A. Bargigia - AEIT, A. Zaffanella - AIAS Academy

Identifying Constraints to Hydrogen Production
C. Ribeiro - INRS – UCS, Canada