

MED GREEN FORUM 4

MEDITERRANEAN GREEN BUILDINGS
AND RENEWABLE ENERGY FORUM
2017



PROGRAMME

31 July – 3 August

University of Florence, School of Architecture

Organised by



WREC/WREN



Sustainable Buildings and
Environmental Technologies

etaflorence  renewableenergies

THIS IS PART OF WORLD RENEWABLE ENERGY CONGRESS

Chairman's Welcome



This is the fourth WREN-WREC Med Green Forum and the second one to be held in Florence, City of art, culture and beauty, teaming with ABITA from University of Florence and ETA from Renewable Energy Florence.

We have received 87 contributions from 50 countries and several students' posters. We will also have presentations from well-known Italian industries in the built environment.

The three Organizations: WREN, ABITA and ETA are working together to highlight the importance of sustainable buildings and renewable energy especially in regions of abundant sunshine.

I would very much like to thank all the sponsors of this event, especially ISESCO and SPRINGER and other Italian companies and authorities. I very much like to thank the various committees for their hard work and commitment and the University of Florence in letting us use their facilities during the summer vacation.

On behalf of my colleagues, Professor Marco Sala, Ms Angela Grassi and I, we wish you all the success in delivering your scientific work at the Forum and having a rewarding experience in networking and meeting new friends.

Ali Sayigh

Chairman of Med Green Forum



Some of the Participants in Med Green Forum - 3

MONDAY 31 JULY

09:00 - 10:30

OPENING & PLENARY 1

Main Theatre

Chair: Prof Riyadh Al-Dabbagh - UAE

Welcome Speech by Prof Ali Sayigh - Chairman - UK

Welcome Speech by Prof Marco Sala - Co-Chairman - Italy

1 - The Golden Era of Renewable Energy

Prof Ali Sayigh - WREN/WREC, Brighton, UK

2 - S. Marko GREEN Island - Green Building Design, Eco Friendly strategies for Mediterranean conscious tourism

Dr Antonella Trombadore, Katarina Brnovic, Florence, Italy

3 - A method for comparing the energy needs of urban buildings with their electricity production from PV facades

Dr V. Costanzo, R. Yao, Reading, UK

10:30 - 11:00

Coffee Break

11:00 - 13:00

PLENARY 2

Main Theatre

Chair: Dr Ruxandra Crutescu Gherasim - Romania

1 - Winter performance of certified passive houses In Temperate Maritime Climate - nZEB Compliant?

Dr Shane Colclough, Prof Philip Griffiths, Prof Neil J Hewitt, Newtownabbey, N. Ireland

2 - Influence of Pyrolysis Temperature and heating rate on the production of Catalytic Pyrolysis

Prof Dr Ozlem Onay, Eskisehir, Turkey

3 - Why do we need to reduce the carbon footprint in UAE

Prof. Riadh AL-Dabbagh, Ajman UAE

4 - Renewables Are Commercially Justified To Save Fuel And Not For Storage

Prof Donald Swift-Hook, Secretary, WREN and, Kingston University, London, UK

13:00 - 14:00

Lunch Break

13:00 - 15:30

PLENARY 3

Main Theatre

Chair: Dr Hossein Mirzaii - UK

1- Environmental Evaluation of the Electric Vehicles Solution for Non-Interconnected Islands

Prof J.K. Kaldellis, G. Spyropoulos, Athens, Greece

2- Influence of the Period Of Measurements On Wind Potential Assessment For A Given Site

Prof H. Nfaoui¹ & Prof A. Sayigh²

¹Solar Energy & Environment Laboratory, Mohammed V University in Rabat, Morocco.

²Chairman of WREC & Director General WREN, Brighton, UK

3- Approaches to Design of Microgrid on the Basis of Renewable Energy Sources for Central European Part of Russia

Sergey M. Karabanov¹, Pavel P. Bezrikich²

¹Ryazan State Radio Engineering University, Ryazan, Russia,

²G.M. Krzhizhanovsky Power Engineering Institute, Moscow, Russia

15:30 - 16:00

Coffee Break

16:00 - 18:00

PLENARY 4

Main Theatre

Chair: Dr V. Costanzo - UK

1 - Production of ZnO Cauliflowers Using the Spray Pyrolysis Method

Dr Shadia J. Ikhmayies, Al Isra University, Amman, Jordan.

2 - Women and Renewable Energy

Dr Ghada Fouad, Chairman, National Co. for Petroleum Services "Wattannia, Cairo, Egypt

3 - Proposing a new method for fenestration shading design in prefabricated modular buildings

Dr Seyedehmamak SALAVATIAN, Islamic Azad University- Rasht, Iran

4 - Integrated Infrastructure for Renewable Energy and Desalinated sea-water Supply in a Urban Area of an Island

Dr Giuliano Grassi, Secretary General, European Biomass Industry Association, Belgium

18:00 - 18:30

Stand by Time

TUESDAY 1 AUGUST

09:00 - 10:30

PLENARY 5

Main Theatre

Chair: Dr V Costanzo - UK

1- Developing Sustainable Energy and Climate Action for Local Governments: Baseline Emission Inventory - Case studies of City of Luxor and City of Hurghada, Egypt

Mohsen Aboulnag¹, Bruno Rebelle², Emilie Essono³, Naguib Amin⁴ and Sara Ali⁵:

¹ Professor, Cairo University, Cairo, Egypt, ² Managing Director, Transitions, France, ³ Energies Domain, France, ⁴ Team Leader, CES-MED Project, Beirut & Morocco, ⁵ Junior Research Assistant, Cairo, Egypt

2- Renewable Energy Market Development in Argentina

Prof Carlos Victor Manuel Lubriola, National University of Comahue, Neuquen, Argentina

3- Integrated photovoltaics as part of the building envelope

Dr. Ruxandra Crutescu Gherasim, University "Spiru Haret", Bucharest, ROMANIA

4- Policy of Intensification, Diversification, Conservation, and Indexation in Pursuing the Sustainable Transport

Prof. Dr. Koesmawan, DBA, Commissioner of Ffaireness Indonesia Daya (FID), former Rector Ahmad Dahlan School of Economics, The Head of Quality Assurance of Ahmad Dahlan School

10:30 - 11:00

Coffee Break

11:00 - 13:00

INVITED SESSION 1

Main Theatre

Chair: Dr Ghada Fouad – Egypt

1 - Renewable Energy in Argentina

Prof Carlos Victor Manuel Lubriola, National University of Comahue, Neuquen, Argentina

2 - Smart Cities & Smart Buildings Powered by Renewable Energy

Dr Ruxandra Crutescu Gherasim, University "Spiru Haret", Bucharest, Romania

3 - On Integrating Large Shares of Renewables Into The Electricity System Of Cities

Prof Dr Reinhard Haas, Vienna University of Technology, Austria

4- Climate Change Assessment, Simulation and Adaptation for Hot-Arid Urban Settlements: The Case Study of Asmara Project, Cairo, Egypt

Prof Dr. Mohsen Aboulnaga¹, Dr. Amr Alwan², Mohamed Elsharouny³

¹ Dept. of Architecture, Faculty of Engineering, Cairo University, Egypt

² Associate Prof., Dept. of Architecture, Faculty of Eng., Military Technical Collage, Cairo, Egypt

³ Researcher, Energy Efficiency, Dept. of Architecture, Cairo University, Egypt

5- Municipal Solid Waste Energy Model (SWEM) ©

Eng. Mohammed Dabbas, Dana for Sustainable Development LLC, Amman, Jordan

11:00 - 13:00

INVITED SESSION 2

The Church

Chair: Prof Don Swift-Hook – UK

1- The cost of building to the near Zero Energy Building standard - a financial case study

Shane Colclough¹, John Mernagh², Derek Sinnott², Neil J Hewitt¹, Philip Griffiths¹

¹ Ulster University, Newtownabbey, Northern Ireland

² Waterford Institute of Technology, Waterford, Republic of Ireland

2- Energy Exploitation of Wind-Solar and Wave Energy Potential in the Islands of Central Aegean Archipelagos

Dr G. Nomikos, Prof J.K. Kaldellis: Athens, Greece

3- A GREEN LIGHT FOR THE GIGLIO ISLAND - Architectural integration of mini-wind systems in the Lighthouse and green infrastructure for sustainable tourism

Dr Antonella Trombadore, Federica Bertini: University of Florence, Florence, Italy

4- Renewable Energy in Morocco: PV Water Pumping System application

Dr Sarah Abdourraziq, Dr Rachid El Bachtiri : Sidi Mohamed Ben Abdellah Univ., Faz, Morocco

5- Study of Wind Potential in a Low Building Within a Urban Environment

Prof Carlos Victor Manuel Lubriola, National University of Comahue, Neuquen, Argentina

11:00 - 13:00

INVITED SESSION 3

Class Room

Chair: Prof H Nfaoui – Morocco

1- Performance of Solar Window Film With Reference to Energy Rationalizing in Buildings

Dr Kamil M .Yousif, Alan Ibrahim Saeed, Zakho University, Zakho, Iraq.

2- Modeling and control of a large scale wind turbine based permanent-magnetic synchronous generator connected to the utility grid with energy storage systems

Ali El Yaakoubi¹, Kamal Attari¹, Adel Asselman¹, Abdelouahed Djebli²

¹ Optic and Photonic Team, Faculty of sciences, Abdelmalek Essaïdi University, Tetouan, Morocco

² Energetics, Fluid Mechanics and Materials Laboratory, University, Tetouan, Morocco

3- The natural light in Architecture. The use inspired by the constructive tradition.

Fabio G.S. Giucastro, SDS of Architecture of Siracusa, University of Catania, Italy

4- Socio-environmental survey, hydrothermal monitoring and thermal simulation for the bioametal adaptation of a rural state school in silipica, Santiago del Estero- Argentina

Gabriela Giuliano¹, Beatriz Garzón²

¹ Architect and Professor Santiago del Estero, Argentina, ²Architect, Adjunct Professor of the Chair of Environmental Conditioning II, San Miguel de Tucumán, Argentina

5- A University Master Course and Training Program for Energy Managers and Expert in Environmental Design in Italy

Dr Lucia Ceccherini Nelli, University of Florence, Florence, Italy

13:00 - 14:00 Lunch Break

14:00 - 15:30 TECHNICAL SESSION 1

Main Theatre

Chair: Prof Carlos Victor Manuel Lubriola – Argentina

1 - Revitalization of Traditional Architecture for Eco and Rural Tourism towards Sustainable Development in villages of the Kukes, Diber and Skrapar Regions, Albania

Dr Arnisa Lushaj, Polis University, Tirana, Albania

2 - Ventilation Effectiveness of Residential Ventilation Systems and its Energy Saving Potential

Dr Mohammad Reza Adili, University of Stuttgart, Stuttgart, Germany

3 - Integration strategies of Luminescent Solar Concentrators panels: A Case Study in Florence - Italy

Dr Lucia Ceccherini Nelli, University of Florence, Florence, Italy

4 - Enhancing Indoor Air Quality for Residential Building in Hot Arid Regions

Prof. Dr. Ghanim Kadhem Abdul Sada, Dr. Tawfeeq Wasmi M. Salih, Al Mustansiriyah Univ.Iraq

14:00 - 15:30 TECHNICAL SESSION 2

The Church

Chair: Dr Seyedeh Mamak SALAVATIAN – Iran

1- Design and Performance of a Propeller Hydro Turbine Model for Water Supply Networks

Dr Young Do Choi & VietLuyen Vu, Mokpo National University, Korea

2 - Evaluating Deep Retrofit Strategies for Buildings in Urban Waterfronts

Dr Nicola Strazza, University of Trieste, Trieste, Italy

3 - Near Zero Energy Building: Optimization of Solar Facades in Warm Climates of the Mediterranean Region

Dr Arman Saberi, Italy

4 - The ECREE: Catalan Strategy for the Energy Renovation of Buildings

Dr Juan Antonio Bas Villalobos, Government of Catalonia, Spain

14:00 - 15:30

TECHNICAL SESSION 3

Class Room

Chair: Eng. Mohammed Dabbas – Jordan

1 - Sustainable Energy in Nigeria

Dr Amina Batagarawa, Department of Architecture, Ahmadu Bello University, Zaria, Nigeria

2 - Saving of coastal Mediterranean Cities from rising Ocean waters

Dr Alexander Turin, Russian Federation, Russia

3 - Methodology of Solar Project Managing Through All Stages of Development

Dr Anreis Snegirjovs, Institute of Physical Energetics, Latvia

4 - Visualizing the Infrared Response of an Urban Canyon throughout a Sunny Day

Dr Benoit Beckers, Université de Pau et des Pays de l'Adour, France

15:30 - 16:00

Coffee Break

16:00 - 18:00

TECHNICAL SESSION 4

Main Theatre

Chair: Dr Kamel Yousif – Iraq

1 - Life Cycle Assessment of Expanded Insulation Cork Board

Dr Ana Dias, University of Aveiro, Portugal

2 - Thermal Monitoring of Low Income Housings Built with Autoclaved Aerated Concrete in a Hot-Dry Climate

Dr Ramona Alicia Romero Moreno, Universidad Autonoma de Baja California, Mexico

3 - Rammed Earth in Contemporary Architecture. An Application for a Waterfront in Naples.

Dr Viviana Del Naja, Italy

4 - Ways Towards' the Low-carbon Transport System

Dr Amela Ajanovic, Technical University of Vienna, Austria

5 - Development of 5kW Small Wind and PV Hybrid System for Rural Fresh Milk Production in Sri Lanka

Dr Pandigamage Chanaka Hasitha WEERASENA, Korea Maritime and Ocean University, Korea

6 - Strategic Sustainable and Smart Development Based on User Behavior

Shahryar Habibi , Theo Zaffagnini, University of Ferrara

7 - The Project of Revamp of High School Carrara, A Case Study of the Responsible Retrofit

Rosa Romano, University of Florence

16:00 - 18:00

TECHNICAL Session 5

The Church

Chair: Dr Shadia J. Ikhmayies – Jordan

1 - Urban Farming in the Era of Crisis in Greece: The Case Study of the Municipal Allotment Garden of Ag. Anargiri-kamatero And Fili

Dr Konstadinos Abeliotis, Harokopio University Research Committee, Greece

2 - Urban development and urban Agriculture for growing city Region, Casablanca, Morocco

Dr Majid Mansour, Ecole Nationale d'Architecture, Morocco

3 - Ur.C.A.: Urban Contemporary Agriculture Project

Dr Chiara Casazza, University of Florence, Italy

4 - Home Floating System

Dr Chiara Casazza, University of Florence, Italy

5 - Problem of Education in Developing of Renewable Energy in Indonesia

Dr Elly Marliana Yudapraja, Universitas Pasundan, Indonesia

6 - TO-SYN-FUEL: Turning Sewage Sludge into Fuels and Hydrogen

Dr Stefano Capaccioli, ETA-Florence Renewable Energies, Florence, Italy

7 - Policy of Intensification, Diversification, Conservation, and Indexation Pursuing the Sustainable Transport

Dr Koesmawan Adang Soebandi, PT FID, Indonesia

8 - Disegno Urbano Resiliente: Belgrado e Firenze

Dr Chiara Odolini, ABITA UNIFI, Florence, Italy

16:00 - 18:00

TECHNICAL Session 6

Class Room

Chair: Dr Lucia Ceccherini Nelli – Italy

1 - Experimental Research and Design Process of an Adaptive Multifunctional Façade System

Dr Paola Gallo, School of Architecture, Florence, Italy

2 - Development Fabrication and Standardization of Bio-Waste Digestor cum Energy Generator For Urban Household Bio-waste

Dr Balram Bhardwaj, Maclec Technical Project Laboratory Pvt Ltd, India

3 - Implementation of Intensification Concepts, diversification, conservation, and Indexation for developing renewable energy in the cities

Dr Sumarsono Soeparno, Ffaireness Indonesia Daya, Indonesia

4 - Towards Energy Optimized Cities

Dr Ghazal Etminan, Austrian Institute of Technology, Austria

5 - Easy CAM. Proposal for a new assessment tool to verify the environmental sustainability of urban renovation project

Dr Federico Orsini, University of Roma, Italy

6 - Planning without waste

Dr Adolfo F L Baratta, Roma Tre University, Italy

7 - A history not for throwing away

Dr Adolfo F L Baratta, Roma Tre University, Italy

8 - Effectiveness of materials, technologies and renewable energy in educational buildings through cluster analysis of energy retrofiting

Dr Laura Calcagnini, Roma Tre University, Italy

18:00 - 18:30 Standby Time

WEDNESDAY 2 AUGUST

09:00 - 10:30

PLENARY 6

Main Theatre

Chair: Prof Don Swift-Hook - UK

1- Feasibility Study of a Low Carbon House in the UK

Dr Hossein Mirzaii, Kingston University, London, UK

2- Implementation of Intensification Concepts, Diversification, Conservation and Indexation For Developing Renewable Energy In The Cities (A Case of the Idea of one price policy Of Fuel In Indonesia)

Dr. Sumarsono, DBA, Chairman of Ffairess Indonesia Daya (FID), Indonesia

3- Documentation of Environmental Performance of Architectural Heritage Mosques in Malaysia

Dr Aliyah Nur Zafirah Sanusi¹, Fadzidah Abdullah¹, and Mohd Hisyamuddin Kassim²

¹ International Islamic University Malaysia, Kuala Lumpur, Malaysia

² Malaysia Multimedia University, Malaysia

4- Quality of Healthcare: A Review of the Impact of Hospital Physical Environment on Improving Quality of Care

Dr. Jazla Fadda, American University in the Emirates, Dubai - United Arab Emirates

10:30 - 11:00

Coffee Break

11:00 - 12:30

INVITED SESSION 1

Main Theatre

Chair: Prof Mohsen Aboul Naga-Egypt

1- A Parametric Tool for Assessing Optimal Location of Buildings According to Environmental Criteria

Dr Chiesa, Giacomo: Politecnico of Torino, Italy

2- A Project for the NZERO-Foundation in the South of Italy

Dr Lucia Ceccherini Nelli, University of Florence, Florence, Italy

3- Recovering Neglected Architecture in Inner Italian Towns: The Case-Study of the Ancient Pasta Factory Spinelli

Dr Dora Francese: Università degli Studi di Napoli Federico II, Napoli, Italy

4- Performative Architecture: The Role of Performances in the Definition of an Informed Design Process.

Dr Angelo Figliola, University of Rome La Sapienza, Roma, Italy

11:00 - 12:30

INVITED SESSION 2

The Church

Chair: Dr Antonella Trombadore – Italy

1- Meta-Design Approach to Environmental Building Programming for Passive Cooling of Buildings

Dr Chiesa, Giacomo: Politecnico of Torino, Italy

2- Energy Audit to design the retrofit of existing buildings: the case study of a school building in Torino

Dr Alessandra Donato, DIDA-Università di Firenze, Florence, Italy

3- Universal Transformable Building System

Dr Alexander Turin, Russian Federation, Russia

4- Effectiveness of Occupant Behavioral Ventilation Strategies on Indoor Thermal Comfort in Hot-Arid Climate

Dr Ali Sedki, Beirut Arab University, Beirut, Lebanon

11:00 - 12:30

INVITED SESSION 3

Class Room

Chair: Dr Hossein Mirzaii – UK

1 - Increase of Biogas Yield by Using Sewage Water and Yeast in Anaerobic Fermentation Process

Dr Mohamed Mansour, University of Science and Technology, Egypt

2 - Innovative Design for Generating both Electricity and Fresh Water from the Cloud

Dr Mohamed Mansour, University of Science and Technology, Egypt

3 - Feasibility Study of Using Domestic Solar Hot Water Systems as an Alternative to Reduce the Electricity Peak Demand in Assalouyeh

Dr Roya Moradifar, South Pars Gas Complex, Tehran, Iran

4 - Simulation of an Absorption Solar Cooling System for Batna, Algeria

Dr Mounir Aksas, University of Batna, Algeria

12:30 - 13:00

Lunch Break

August 02 - 03

MGF4 BUSINESS SESSION & TOUR VISIT - 2017



Eco Technology for Green Architecture, Interior Design & Eco Efficient Cities.

Sino Italian Design Center Florence Villa Strozzi Florence - Italy

Within International Conference MedGreenForum 4_2017 www.medgreenforum.com (100 Speaker from 50 countries in the Mediterranean, Middle East and the P.R of China).

MGF 4_Business Session venue **Villa Strozzi _Sino Italian Design Center Florence:** www.sidec.cn
Coordinated by IGD Italian Green Design Florence Italy
www.abitagreen.net



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ITALIAN INNOVATION GREEN DESIGN

CONTENT:

It focus on enterprise knowledge update & B2B Matching opportunities on Sustainable Eco European Technology in the field of Building construction, Environmental Technologies and Interior Design focusing over the Mediterranean, the Middle East and the P.R of China.

TARGET:

Construction Companies & Technology providers, National Constructions associations, Commerce Chambers, School of Architects & Engineering's, Industrial Design, Furniture and Environmental technologies enterprises.

THEMES:

- The Network's era for Sustainable Development: ABITA_WREC_ETA
- From physiology & international policies to eco technology: needed condition for productive matrix shift.
- MedGreenDesign Workshops format supporting Regional governments in emerging economies.

- Environmental Design & Green Infrastructure, teaching methods fostering eco development

WEDNESDAY 02 AUGUST
14:30 – 19:30
BUSINESS SESSION – Villa Strozzi

Chair: Prof Fernando Recalde - Italy

14:30 – 14:40	WREC	www.wrenuk.co.uk	Prof. Ali Sayhig
14:45 – 15:00	ABITA	www.centroabita.unifi.it/	Prof. Marco Sala
15:00 – 15:10	ANCE	www.toscana.ance.it/	Carlo Lancia
15:10 – 15:20	CONFINDUSTRIA	www.confindustria.it	Raffaele Berni
15:20 – 15:30	ETA Florence	www.etaflorence.it	Giuliano Grassi
15:30 – 15:40	Berni Store	www.berniccontract.it	Antonio Vanni
15:40 – 15:50	Officina Firenze	www.officinafirenze.it	Domenico Bulgarini
15:50 – 16:00	TecnoEnvironment	www.tecnoenvironment.com	Roberto Quaranta
16:00 – 16:10	Rossi Celso	www.rossicelso.it	Lucca Rossi

TO BE CONFIRMED

16:10 -16:20	Colorobbia	www.colorobbia.it	Laura Niccolai
16:20 -16:30	La Cost	www.lacost.it	Claudio Costantini
16:30 -16:40	Velux	www.velux.com	Andrea Impavido
16:40 -16:50	Ferotech	www.ferotech.com	Maurizio de Lucia
16:50 -17:00	Fabb. del Sole	www.lafabbricadelsole.it	Emiliano Checchini
17:10 -17:20	Davini	www.daviniprojects.it/	Elio Merciadri
17:20 -17:30	STO	www.sto.com	Antonio Romano
17:30 -17:40	West	www.westgroup.it	Lorenzo Bosi
17:40 -17:50	Frangerini	www.frangerini.it	Stefano Frangerini
17:50 -18:00	Tenso Cielo	www.tensocielo.com	
18:00 -18:10	TAD Pulsantiere	www.technologyartdesign.it	
18:10 -18:20	BUZZI Termo Saldatura	www.buzzisrl.it	
18:20 -18:30	SALICE Cerniere	www.salice.com	
18:30 -18:40	BONNONI Maniglie	www.gbtbonomi.com/it/handles	
18:40 -18:50	o o o o o o o o		

18:50 -19:15 **MGF_4 Closing the FORUM by Prof. Ali Sayigh Chairman MGF 4, 2017**

19:15 – 20:00 **COCKTAIL**

20.00 – 22.00 **DINNER PARTY -Via Bolognese Prof. M. Sala residence Via St Marta 31
Florence – Coaches Free**

MGF 4_BUSINESS SESSION CONTACTS AND COORDINATORS

Prof. Arch Fernando Recalde
M:333 38 78 626 E:
fernando.recaldeleon@unifi.it



MGF 3_BUSINESS SESSION 2015

THURSDAY 3 AUGUST

**BEST PRACTICE FREE TOUR VISIT ITALIAN TECHNOLOGY
UNDER RESERVATION MAX 40 PAX
Coordinator: Prof Fernando Recalde - Italy**

09:00 – 09:15

Gathering at Entrance Faculty Architecture

To be decided	Florence Careggi
To be decided	Florence Novoli
ICT Business Incubator	Lucca (90 from Florence)
Vallisneri School retrofitting	Lucca

13:30 – 14:30

LUNCH BREAK

To be decided	To be decided
To be decided	To be decided
To be decided	To be decided

17:30 - 18:00

Entrance Faculty Architecture

Yours sincerely

Prof. Marco Sala

Prof. Fernando Recalde



Università degli Studi di Firenze
Interuniversity Research Center Headquarters **ABITA**



Architettura Bioecologica e Innovazione Tecnologica per l'Ambiente

Prof. Marco Sala
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(ASIA)

ITALIAN INNOVATION GREEN DESIGN

意式 创新 绿色 设计

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Programme at Glance 31 July - 3 August 2017

MED GREEN FORUM - 4

DAY TIME	Sunday 30 July	Monday 31 July	Tuesday 1 August	Wednesday 2 August	Thursday 3 August
09:00 - 17:00		Registration			Assembly at Univ. by 9:00
09:00 - 10:30		Opening & Plenary	Plenary	Plenary	Italian Industrial Visits & Lunch Coaches are provided
10:30 - 11:00		Coffee - Break			
11:00 - 12:00		Plenary	Three parallel Inv.	3- Technical Sessions	
12:00 - 12:30			Three parallel Inv.	Lunch	
12:30 - 13:00					
13:00 - 14:00		Lunch - Break		Coaches to Outside Venue	
14:00 - 15:30		Plenary	3- Technical Sessions	Italian Industry*2	
15:30 - 16:00		Tea - Break			
16:00 - 18:00	WREN Council Meeting Exhibition Setting Poster Setting Registration	Plenary	3- Technical Sessions	Italian Industry *2	
18:00 - 18:30				Closing Ceremony*2	
18:30 - 19:30	Reception	WREN -		Reception*2	
19:30 - 22:00		Special ©Function By Invitation Only	*1 GALA DINNER	*3 Barbeque At Marco Sala	

ADDRESS OF SCHOOL OF ARCHITECTURE, FLORENCE, ITALY

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