

## INVITED SPEAKER DETAILS AND THEIR ABSTRACT TITLES

### Prof Marco Sala



Marco Sala graduated with honours from University of Florence in Architecture in 1972, founder and Director of A.B.I.T.A. Inter-university Research Centre <http://web.taed.unifi.it/abitaweb/> . Director of European Master ABITA in Sustainable Architecture, has extensive experience in European research projects and in many international Cooperation Projects (Perù, Ecuador, Indonesia). Visiting Professor at London Metropolitan University, coordinator of Abitare Mediterraneo: research, database, TestCell and new benchmark for moderate climate condition [www.abitaremediterraneo.eu](http://www.abitaremediterraneo.eu) funded by Tuscany Region. Professor Marco Sala authored some 70 scientific papers/conference reports, produced about 20 books, proceedings volumes, and in 2013 edited the Almanacco (handbook) of Sustainable Architecture with Renzo Piano, Massimo Mayoviecki and Federico Butera. Marco Sala organised and chaired many International Conferences and Exhibitions on renewable energy and sustainable architecture, as founder member of TIA (Teaching in Architecture Energy and Environment World Network), member of Bioclimatic Committee of ISES Italia, WREC (World Renewable Energy Congress), Associate Member of PLEA (Passive Low Energy Architecture).

Amongst EU funded research, Marco Sala coordinated Italian participation in “Museums”, “Hospitals”, “PV in Schools” and “Teenergy” as buildings, “UniAid” “Dayliht” and “Euleb” as didactic tools for sustainable architecture. His role as full Professor of Architectural Technology in the University of Florence works in tandem with the office research base and practice, with many realised bioclimatic buildings and consultancies for private and public administrations. Marco Sala Associates, Architecture and Energy Consultants, <http://www.msaassociati.it/> specialises in passive solar systems in architecture, environmental design, bioclimatic architecture: Among projects designed by Marco Sala: Natural Museum and Speed Train rail-station in Florence, Technology Park Offices in Lucca, Multiplex and Commercial Centre in Prato, Public Housings, Public Winter Gardens in Padua, Le Murate and Meyer Hospital in Florence, Multiplex and Commercial Centre in Prato. In the last years he took part in the “Dynamic Science Association” and in the “Dynamic Architecture Movement”, and designed in association with Arch. D.Fisher, Rotating Towers in Dubai and other locations.

Marco Sala is Italian citizen, speaks English, French, Spanish, married with two children and lives in Florence.

### **Title: Urban Farming and Friendly City, a new alliance for a better green future**

Marco Sala, ABITA, School of Architecture, University of Florence, Florence, Italy

## **Dr. Lawrence L. Kazmerski**



Dr. Lawrence L. Kazmerski is the Director of Science and Technology Cooperation at The National Renewable Energy Laboratory (NREL) up to 2015. He was at (Electrical Engineering) of the University of Maine before coming to SERI (NREL) in 1977. His research at Maine included the report of the first thin-film copper-indium-di-selenide (CIS) solar cell. He was SERI's first staff member in photovoltaics, hired specifically to establish efforts in the characterization of photovoltaic materials and devices; he led NREL efforts in measurements and characterization for more than 20 years. He has held adjunct professorships at the University of Colorado, Colorado School of Mines, and the University of Denver. Dr. Kazmerski has published over 300 journal papers and authored or edited four books, and currently serves on the editorial board of five journals—and he has more than 160 invited presentations at international conferences, workshops, and seminars. He was co-founder and editor of the journal SOLAR CELLS, published by Elsevier-Sequoia (1979-1991). Kazmerski is Editor-in-Chief of the Elsevier journal, Renewable and Sustainable Energy Reviews. He has three R&D 100 Awards. Kazmerski was the recipient of the Peter Mark Memorial Award of the AVS in 1981 and IEEE William R. Cherry Award in 1993. In 2008, Kazmerski was elected as a member of the National Academy of Engineering (NAE). He is Vice Chairman of WREN since 1992.

### **Title: The World's *First* Solar-Powered Satellite: Vanguard 1 Revisited on its 60<sup>th</sup> Anniversary**

Lawrence L. Kazmerski, National Renewable Energy Laboratory – NREL (Emeritus), Golden, Colorado, and Renewable and Sustainable Energy Institute – RASEI, University of Colorado, Boulder, Colorado USA

## **Prof Dr Dorota Chwieduk**



Dorota Chwieduk Prof., DSc. PhD., M.Sc, Mech..Eng.

Deputy Director of the Heat Engineering Institute at Warsaw University of Technology. Research on Energy, Buildings and environment with focus on renewable energy, especially on solar energy, heat pumps and energy storage. Fellow Member of the Thermodynamics Section of Thermodynamics and Combustion Committee, Fellow Member of the Physics of Building Construction Section of the Civil Engineering Committee of the Polish Academy of Sciences, Fellow Member of the Energy Problems Committee of the Polish Academy of Sciences.. President of the International Solar Energy Society – Europe 2009 – 2011 and the Past President 2012 – 2013. President of the Polish Solar Energy Society, since 1993. Editor in Chief of the “Polish Solar Energy” magazine. Since 1994 member of the World Renewable Energy Network - WREN. Nominated member of the AGE – Advisory Group on Energy

for the FP7 of the European Commission 2007 - 2013. Member of the International Management Committee of the Smart Cities EERA JP. Awarded by the annual title of the year 2006 as „Promoter of Renewable Energy” by the “Clean Energy” magazine. Awarded by the Ministry of Buildings in 2006 for a chapter *Low energy buildings. Renewable energy*. in: *Physics of Buildings*, publisher Arkady. Awarded in 2008 by the World Renewable Energy Network – WREN as Pioneer of Renewable Energy. Awarded in 2009 by The Ministry of Infrastructure for the Best DSc Dissertation (habilitation) in Buildings and Construction discipline in 2008 in Poland. Awarded in 2010 by the Division of Production Engineering of the Warsaw University of Live Science for achievements and support for the Division. Awarded in 2012 by the Rector of the Warsaw University of Technology for the Best Scientific Achievements in 2011. Author of 220 national and international papers and 9 books and different reports.

### **Title: Accomplishment of low energy buildings in high latitude countries through passive Solar systems**

Dorota Chwieduk Technical University of Warsaw, Institute of Heat Engineering,  
Ul. Nowoiejska 21/25, PL-00-655 Warsaw, Poland

## Antonia Sônia Alves Cardoso Diniz



**Antonia Sônia Alves Cardoso Diniz** is currently Coordinator of the *Grupo de Estudos em Energia* (GREEN Solar Laboratory) at the Pontifical Catholic University of Minas Gerais (PUC Minas) in Belo Horizonte, Brasil. She is an Associate Professor in the Graduate Mechanical Engineering Program at PUC Minas. She received her Bachelor of Physics from the Federal University of Minas Gerais in 1980, her Electrical Engineering degree from PUC Minas in 1981, and Ph.D. from the University of Liverpool in Material Science and Engineering in 1995. Before coming to PUC Minas, Dr. Diniz was a Specialist Engineer at the *Energetic Company of Minas Gerais* (CEMIG) in Belo Horizonte for 28 years, including initiating their projects in PV rural electrification. Dr. Diniz was a visiting research professor at the *Arizona State University Photovoltaic Reliability Laboratory* in 2013. Dr. Diniz' current research is focused on solar thermal systems, PV module and system reliability, energy efficiency, and distributed energy resources. She has been active in WREN, IEEE, ISES, and ABSOLAR. Dr. Diniz is a consultant for CAPES (Brasil's science and education agency), Associate Editor of *Renewable and Sustainable Energy Reviews* (Elsevier), and a member of the International Committee of the IEEE Photovoltaic Specialist Conference (IEEE PVSC).

### **Title: Evaluation of Performance Losses Caused by Degradation of Photovoltaic Crystalline-Si Modules Installed in Minas Gerais (Brasil)**

<sup>+1</sup>Antonia Sônia A. Cardoso Diniz, <sup>1</sup>Denio A. Cassini, <sup>2</sup>Michele C. C. de Oliveira, <sup>2</sup>Marcelo M. Viana, <sup>2</sup>Vanessa de F. C. Lima, <sup>3</sup>Lawrence L. Kazmerski

<sup>1</sup>GREEN PUCMINAS, Instituto Politécnico-IPUC, Pontificia Universidade Católica Minas Gerais – PUCMinas, <sup>2</sup>Universidade Federal de Minas Gerais – UFMG, Belo Horizonte, Brasil <sup>3</sup>Renewable and Sustainable Energy Institute (RASEI), University of Colorado Boulder and National Renewable Energy Laboratory, Golden, Colorado, USA,

## Dr Amina Batagarawa



Amina holds a B. Sc. in Architecture from Ahmadu Bello University, Zaria, Nigeria; an M.Sc. in Environmental Design of Buildings from Cardiff University, Wales; and a PhD in Architecture from Newcastle University, England.

Currently, Amina is a lecturer at the Department of Architecture, Ahmadu Bello University, Zaria, Nigeria at undergraduate and postgraduate levels. Her teaching and research are focused on sustainable energy use in the built environment. She is the author of articles including;

- Benefit of conducting energy calculations in the built environment of Nigeria, in the 4th West Africa Built Environment Research (WABER) Conference, 24-26 July 2012, Abuja, Nigeria, 389-397;
- Disaggregating primary electricity consumption for office buildings in Nigeria, in the 12th Conference of International Building Performance Simulation Association, Sydney, 14-16 November 2011; and
- A comparison of lightweight and heavyweight construction incorporating Phase Change Materials for Office buildings in a composite hot climate, in the 6th Annual conference of the West African Built Environment Research Institute, Ghana which won Winner of best industry related paper.

She is a Global advisory board member for the Green Campus Institute ([www.greenthecampus.org](http://www.greenthecampus.org)), a trustee in the Board of Sustainable Energy Practitioners Association of Nigeria where she heads the Research Support Services department of the association ([www.sepan.org.ng](http://www.sepan.org.ng)), and a member of the Energy Institute, UK.

**Title: OPTIMIZING BUILDING FABRIC FOR INTEGRATION OF SOLAR PHOTOVOLTAIC IN THE DESIGN OF A TEXTILE INDUSTRY**

Amina Batagarawa, Yusuf Ahmed Abdulkarim, Musa Lawal Sagada

Department of Architecture, Faculty of Environmental Design, Ahmadu Bello University, Samaru, Zaria, Nigeria.



## DR. SERGEY KARABANOV



He received his Ph.D. in electronics in 1984 in Ryazan State Radio Engineering University, Russia, since 1996 - Doctor of Science in micro- and nanoelectronics. Since 1986 he is dealing with photovoltaics.

1996 - -2012 – CEO, Ryazan Metal Ceramics Instrumentation Plant JSC

2006 – 2013 professor, head of the electronic engineering and technology department at the Ryazan State Radio Engineering University, Russia

In 2012-2013 he was the deputy minister for industry, innovation and information technologies of Ryazan region  
2013 ~present, Professor, Principal Researcher, Ryazan State Radio Engineering University.

He is a member of international scientific societies and organizations: IEEE (The Institute of Electrical and Electronics Engineers, USA), MRS (Material Research Society, USA), ISES (International Solar Energy Society), WREN (World Renewable Energy Network, UK) and the member of the Steering Committee of the World Renewable Energy Congress.

He is author or co-author of eighty six patents and more than 200 publications on different aspects of solar energy and electronic in books, technical journals, conference papers, studies and reports in 12 countries.

In 2007 Dr. Sergey Karabanov became the Laureate of Russian Federation Government Premium in the field of science and engineering.

He has been the leader of the projects for PV module production, development of solar cells production technologies and new technologies for polycrystalline silicon production, MEMS switches production.

His achievements include setting up production of solar cells and PV modules, electric double layer capacitors, reed switches, security and level sensors for automotive industry, relays, terminal switches.

**Title: Study of the effect of magnetohydrodynamic mixing of silicon melt on the processes of silicon purification and crystallization**

Sergey M. Karabanov<sup>1</sup>, Dmitriy V. Suvorov<sup>1</sup>, Evgeny V. Slivkin<sup>1</sup>, Dmitriy Y. Tarabrin<sup>1</sup>,  
Andrey S. Karabanov<sup>2</sup>

1- Ryazan State Radio Engineering University, 59/1 Gagarina St., Ryazan 390005,  
Russia

2- Helios Resource Ltd., 126 Proletarskaya St., Saransk 430001, Mordovia, Russia

**Development of an algorithm for an automatic control system of a stand-alone micro-grid for power supply of a settlement**

Sergey M. Karabanov<sup>1</sup>, Pavel Bezrukikh<sup>2</sup>, Dmitriy V. Suvorov<sup>1</sup>, Andrey S. Karabanov<sup>3</sup>

1 - Ryazan State Radio Engineering University, 59/1 Gagarina St., Ryazan 390005, Russia

2 - Krzhizhanovsky Power Engineering Institute, Moscow, Russia

3 - Helios Resource Ltd., 126 Proletarskaya St., Saransk 430001, Mordovia, Russia

## **Ms Shreya Agarwal**



Shreya Agarwal is an electrical engineer currently working on design, engineering and Implementation of decentralized renewable energy systems. She has also worked with Oil & Gas EPC and electricity consulting firms for design of distribution substations and other electrical sub-systems. Shreya has an MS in electrical engineering from the University of Michigan, Ann Arbor with a focus on Power and Energy. Her professional interests include design of switchgear components, power system and innovation of distributed renewable energy systems.

**Title: Role of Energy Storage systems to provide peak power support for state Utility in the Indian context**

Research Associate, the Energy and Resources Institute (TERI), New Delhi, India

## Professor Neil Hewitt



Research Director – Architecture, Built Environment & Planning

Neil J Hewitt was appointed Professor of Energy in 2008 and is Director of the Centre for Sustainable Technologies from 2008 until present. He is a Chartered Physicist and Chartered Engineer and is a member of the Institute of Physics, Institute of Refrigeration and the Energy Institute.

Professor Hewitt has initiated and worked on numerous significant European and UK Research Council funded research projects that have engaged academia, public and private bodies.

Professor Hewitt is an acknowledged expert in the field of heat pumps, both in their development and in their end-use, especially with energy storage in the emerging sector of demand side management. He has over 100 publications and is a regular invited conference speaker both nationally and abroad.

Professor Hewitt, in addition to membership of a number of editorial boards, is the Editor-in-Chief of the International Journal of Ambient Energy and is a UK representative of the International Institute of Refrigeration Commission B2 Refrigerating Machinery

### **Title: Domestic Demand Side Response – the Challenge for Heat Pumps in a Future UK Decarbonised Heating Market**

Neil J Hewitt

Ulster University, Centre for Sustainable Technologies, Northern Ireland, UK.



## **Dr Haris Doukas**



Dr. Haris Doukas is an Assistant Professor in the School of Electrical & Computer Engineering (ECE) of the National Technical University of Athens (NTUA). He has a degree in mechanical engineering (Aristotle University of Thessaloniki – AUTH, 2003) and a PhD degree in the area of decision support systems for the sustainable energy sector’s operation (ECE, NTUA, 2009). His scientific and research expertise includes the development of models and decision support systems for energy and environmental policy and management. He has participated, as a scientific coordinator / project manager/ main expert in the design of energy policies and programs promoting renewables, energy efficiency and rational use of energy in a local, national and

European level. In addition, he has participated in respective initiatives beyond Europe, among which in the countries of the Mediterranean basin and the countries of the Gulf Cooperation Council. In the abovementioned fields, he has more than 100 scientific publications in international scientific journals with reviewers, one Book titled “Decision Support Policy Models for Energy and Environmental Systems” as well as numerous presentations in international conferences, chapters, articles in technical books and magazines respectively. In addition, Dr. Doukas is an Associate Editor of the Operational Research International Journal (ORIJ) of Springer, and participates as member of the Editorial Board in Journals related with energy policy and operational research. For his work, Dr. Doukas has received awards by the State Scholarship Foundation (IKY), the NTUA, the AUTH, the Technical Chamber of Greece (TCG) and the Hellenic Operational Research Society (HELORS).

### **Title: Data-driven” decision support systems for Intelligent Energy Management in the Built Environment**

Haris Doukas: National Technical University of Athens, School of Electrical and Computer Engineering, Athens, Greece

## Dr Arch. Ruxandra Crutescu



*2013 - Trophy " Social & Economic Innovator"*

*2016 – Trofy „WREN Pioneer” (World Renewable Energy Network – Brighton, Great Britain)*

Ruxandra Crutescu is doctor architect and associate professor external collaborator at the Faculty of Architecture, “Spiru Haret” University, Bucharest, Romania. Her activity consists in architectural design based on energy efficiency of the buildings by the intelligent and efficient use of the energy from renewables sources, especially in the area of improving energy efficiency in buildings. Other interesting research areas are smart cities, innovative technologies in architecture, creativity for future sustainable development, management in architecture and marketing in architecture. Since 2009, Ruxandra Crutescu holds a PhD in Architecture from “Ion Mincu” University of Architecture, Bucharest, Romania. Between 2008-2013, manager of the Research-Development-Innovation Department at Passivhaus EcoArchitect, Bragadiru Ilfov, Romania. She have write and published more than 80 scientific articles and 6 books. The main subjects are the ecological architecture, the use of renewable energies in residential and public buildings, reducing of pollution in the context of climate change and global warming. With a continuous and sustained activity, also as professional architectural practice experience of more than 33 years in the architectural design of public buildings and research in the field of buildings and ecological architecture, in 2003, she designed the first passive solar house in Romania, certified by Passivhaus Institute Dr.W. Feisst from Darmstadt, Germany , located in Burlusi village, Ciofringeni – Arges County; and in 2007, the first passive solar office building in Romania, the headquarters of Amvic Company, in Bragadiru – Ilfov – 2500 sqm. She is also an authorized energy auditor for buildings, authorized designer for passive buildings, having planned and risen (together with her design team) more than 3.500 buildings (family houses, kindergartens – in Blejoi/ Prahova , schools in Covansa and Sfantu Gheorghe, city halls in Dragalina/Calarasi and Ciofringeni/Arges, office-buildings etc). She organizes annually symposiums and seminars like “Energy Days”, “Green Spot” ECO-ARCHITECT” and “Active Green Architects” on similar topics. Member of the Romanian Order of Architects, the Romanian Register of Urbanists and the Romanian Union of Architects. She is since 2012, council member of the World Renewable Energy Congress and World Renewable Energy Network (based in Brighton – Great Britain) and co-chair of the World Renewable Energy Congress Bucharest in 2015. Active member in steering committees of international scientific research organizations, like World Scientific and Engineering Academy and Society and World Renewable Energy Network.

**Titles: (1)-Climate Change requires Adaptation of the Architectural Design**

**(2) Renewable Energy System Integration in Sustainable Floating Architecture**

School of Architecture, Spiru Haret University, Bucharest, Romania

## **Dr Sarah McCormack**



Dr Sarah McCormack is an Associate Professor in the Dept. of Civil, Structural and Environmental Engineering at Trinity College Dublin and lead PI in the Solar Energy Applications group. She graduated from University of Ulster with a PhD in Solar Engineering collaborating with Imperial College London, Saint Gobain and BP-Solar. She continued her research at the Dublin Institute of Technology as a Research Fellow where she was involved in the development of energy related sustainability research programmes. She has been working in the areas of solar energy and thermal energy research for over 15 years and has published over 100 publications. She has supervised 13 students to completion and her team currently consists of 3 post docs and 6 PhD researchers. She has been awarded funding of over 3M in national and EU funded projects such as the prestigious ERC Starter grant (PEDAL) to continue her work in LS devices for enhancing the efficiency of solar cells.

### **Title: Novel plasmonic luminescent solar devices for building integrated photovoltaic systems**

Sarah J. McCormack\*, Hind Ahmed, Arunima Sethi, Mehran Rafiee, Sarah Gilligan, Subhash Chandra

Dept of Civil, Structural and Environmental Engineering, School of engineering, Trinity College Dublin, College Green, Dublin 2, Ireland.

## Rainer Hinrichs-Rahlwes



Rainer Hinrichs-Rahlwes is a renewable energy expert with more than 20 years of professional and honorary experience. He is actively working for and promoting enabling policy frameworks and fair market conditions for a fully Renewables based energy system.

At present, he is a Vice-President of the European Renewable Energies Federation (EREF), after having served as the associations President from 2010 to 2014. He is representing EREF as a Steering Committee Member of the Global Policy Network for the 21<sup>st</sup> Century (REN21).

Rainer is also a Board Member of the German Renewable Energy Federation (BEE) and the Chairman of BEE's European and international affairs Committee. He is representing both EREF and BEE at the Global100%Renewables platform.

Representing EREF or BEE, or as a senior expert, Rainer is closely working with international institutions or association, such as the International Renewable Energy Agency (IRENA), e.g. representing EREF in IRENA's Coalition for Action, or with the International Energy Agency (IEA).

Rainer has been working with the World Renewable Energy Network (WREN) for more than a decade, at present serving as the network's Head of the Policy, Finance, Education and Sustainability Committee. In 2016, he was appointed as a member of WREN's Advisory Council.

From 1998 to 2005, Rainer was a Director General in the German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU). On behalf of the Ministry, he was a co-chair of the International Steering Committee (ISC) preparing the 1<sup>st</sup> International Renewable Energy Conference (IREC), the renewables2004 conference in Bonn, Germany. The ISC was later transformed to become REN21.

### **Title: Energy Policies at Crossroads – Will Europe's 2030 Targets and Framework be in Line with Paris Climate Agreement?**

Rainer Hinrichs-Rahlwes, K.-Niederkirchner-Str. Berlin, Germany  
Vice-President, European Renewable Energies Federation (EREF), Brussels, Belgium, Board Member, German Renewable Energy Federation (BEE), Berlin, Germany

## **Arch. Shaden Abusafieh**



Arch. Shaden Abusafieh got her M.S from Jordan University of Science and Technology, Jordan, in cooperation with Argonne National Laboratory at Chicago, USA in 1999 with First Class Honors. She has twenty years of progressive experience in teaching and academic field, in different Collages at different countries. Currently, she is an Instructor at Collage of Architecture and Design, Department of Architecture Engineering, Al-Ahliyya Amman University, Amman, Jordan.

Arch. Shaden is an Architect-Chief Specialist since 2004. She received Award of Excellence after she became certified in VTI (Vocational Training In-services) from UNRWA/ UNESCO/ Jordan. She is a Quality Assurance Member at Al-Ahliyya Amman University/ Jordan. She is a member in Jordan Society of Engineering.

Arch. Shaden has published in many technical journals and conferences. Currently she is interested in many research areas: Human Behavior Psychology in a virtual world for better Architectural and Interior Design, Wayfinding and Signage, Sustainability at the confluence of its three constituent parts: Social, environmental and economic, Life safety and Human behavior during emergency cases.

### **Title: The Conflict between Aesthetics and Sustainability: Empowering Sustainable Architecture with Aesthetics to Enhance People's Lifestyle and Sustainable Behavior**

Collage of Architecture and Design, Department of Architecture Engineering, Al-Ahliyya Amman University, Amman, Jordan

## **Prof. R.E. CRITOPH**



Bob Critoph is a professor in the Division of Civil and Mechanical Engineering of the University of Warwick. His first degree was in Aeronautical Engineering, from Southampton University but he went on to do a PhD in energy analysis also at Southampton. As a result of this work he was awarded the Institute of Energy Bone-Wheeler Medal.

He then worked in the Open University Energy Research Group as a Research Fellow, responsible for the design, construction and testing of a gas engine driven heat pump. From 1979 he has been at Warwick lecturing in Thermodynamics, Heat Transfer and Solar Energy.

His research is in adsorption refrigeration and heat pump systems, with uses ranging from solar refrigeration and air conditioning to gas-fired heat pumps. At present, his research team consists of two post-doctoral

RA's and two PhD students and he has five active research projects worth £1.2.

**Title: Contribution to Solar Thermal, Heat Pumps and Geothermal: Gas fired heat pumps as a replacement for the condensing boiler**

Prof. R.E. Critoph, Dr. S.J. Metcalf, Dr. A Rivero Pacho: School of Engineering  
Coventry, UK



## **Prof Riadh H. Al-Dabbagh**



Prof Al-Dabbagh obtained his first degree B Sc. in geology from Mosul University, Iraq in 1968, then his Diploma, MSc, PhD from University College, London in 1975. He has a very colourful career prior to his present post in the UAE.

President of 4 universities for 21 years, Faculty member for about 40 years in 7 universities Published Approximately 79 scientific papers in the field of water resources and hydrology, Environment, Pollution, Water management, Water Engineering 25 short papers in education and scientific contribution, Five textbooks in the field of hydrology, water management and engineering geology, Teaching graduate and undergraduate courses in water resource management, hydrology, environmental hydrology, basic ecology, environment water&

energy and general geology, hydrochemistry, ground water resources, water quality, pollution, and environment,

Attended 65 international conferences and 42 national and regional conferences, Received approximately 44 awards from regional, Arabic and international universities and organizations, Spent a total of 6 years as a visiting professor in 14 different universities in 10 different European, North and South American countries.

In 2003- up to the present, He is a professor at Ajman University and advisor to the President of the University, UAE.

**Title: Toward Green Building and Eco - Cities in UAE**

Ajman University, Ajman, UAE

## **Antonella Trombadore**



Professor at the University of Florence, senior researcher, PhD, MSc, Architect from 1999 she works at the ABITA Interuniversity research center. PhD in Architectural Technology in the University of Florence, MSC in Energy Management, she works in the office research as senior expert in the field of Project Management, Integrated Projects, Sustainable Urban Design, Energy Conscious Design, Low energy buildings, Communication and dissemination strategies Specialized in sustainable architecture and bioclimatic design. Team leader-collaborator for the management of European Master Course “ABITA – Sustainable design and technologies for built environment” and Post-graduate courses in Bioclimatic Architecture and Energy Saving in Buildings at the University of Florence.

**Title: Historical villages as a model of sustainable living and green circular economy.**  
*Antonella Trombadore, University of Florence, Architectural Department, Florence, Italy*