

SCHEDA BIOGRAFICA

Le informazioni contenute in questa scheda verranno pubblicate sul sito dell'Università Telematica UNINETTUNO

Corso di Laurea: Ingegneria Civile Ambientale

Insegnamento/i: Impianti energetici e per l'edilizia

Nome: Giulia

Cognome: D'Angiolini

e-mail: g.dangiolini@uninettunouniversity.net



Curriculum (in inglese)

Professional Experiences

Ph.D. IN ENGINEERING OF ENERGY SOURCES in Tor Vergata University (November 2008 - December 2011)
Thesis: "Sustainability and Energy Efficiency: Methods, Measures and Applications"

The Phd activities are been focused:

- First and second level audit on Tor Vergata University buildings and training course on European Methodologies.
- Tutor in the training course called "Technical Systems".
- Analysis on energy consumption and energy need of University buildings through dynamic software (TRNsys).
- Co-management and control of meteorological data collected in meteorology station ESTER of Tor Vergata University.
- Management and research activity in European Project named USE-EFFICIENCY related energy savings in university.
- Development of Research and industrialization of organic and hybrid inorganic-inorganic technologies applied on photovoltaic cells.
- Member of the university project team (Rome, Tor Vergata) order by Department of Italian Civil Protection. "Redevelopment of Pompeii archeological site through renewable energy source".

Education and Training

- May 06 – Oct 2008 Tor Vergata University
Bac +5 on Environmental Engineering (Energy area). Thesis on "Energetic and Environmental Sustainability of biofuels diffusion" in 31st October 2008 (vote: 107/110).
- Jul - Aug 2011 Universidad Politecnica de Valencia
"Tutor in Summer School of UseEfficiency Project on energy audit in the university buildings in Valencia"
- Feb - Apr 2009 Tor Vergata University and National Civil Protection.
"Methods and technologies for the management of major events and emergencies".
- Mar 2009 APRE- Agency for Promotion of European Research.
"Evaluator in VII Framework Programme"
- Nov - Dec 2008 under leadership of architect Carola in Sevarè, Mopti (Mali).
"Technology of curvilinear surfaces buildings (arch, archway, and dome)".

Publications

- October 2011

Paper "Study on energy performance of university buildings in steady state method and in dynamic simulation approaches" Angelo Spena, Giulia D'Angiolini. Submitted to "Energy Buildings" review.

- September 2011

Poster "Numerical correlation between solar radiation and cloud cover index for a new overcast sky model" Angelo Spena, Giulia D'Angiolini, Cecilia Strati, Mauro Fratini.

For EUPVSEC 26th European Photovoltaic Solar Energy Conference and Exhibition 5-8 September 2011, Hamburg, Germany, published in acts of Congress.

- September 2011

Paper "A procedure for the energy audit: first results of the European project "Use Efficiency"

Angelo Spena, Giulia D'Angiolini.

For ATI 66th National Congress September 5th - 9th 2011, Cosenza, Italy, published in acts of Congress.

- May 2011

Paper "Economic evaluation of energetic plants: photovoltaic case"

Angelo Spena, Simona Bartocci, Giulia D'Angiolini, Giorgio Palladinelli, Cecilia Strati.

For AIGE V National Congress in June 8th - 9th 2011, Modena, Italy, published in acts of Congress.

- March 2010

Paper "Advanced results of modeling, experiments, and innovative solar energy components conceived at FTA laboratories"

A. Spena, C. Cornaro, S. Bartocci, G. D'angiolini, C. Di Tivoli, A. Serafini, C. Strati.

For ASME-ATI-UIT 2010 Conference on Thermal and Environmental Issues in Energy Systems in May 16th - 19th 2010, Sorrento, Italy, published in acts of Congress.

- March 2010

Paper "Correlations for a Mediterranean cloudy cover model"

Angelo Spena, Giulia D'Angiolini, Cecilia Strati.

For ASME-ATI-UIT 2010 Conference on Thermal and Environmental Issues in Energy Systems in May 16th - 19th 2010, Sorrento, Italy, published in acts of Congress.

- January 2010

Paper " First correlation for a cloud cover model "

Angelo Spena, Giulia D'Angiolini, Cecilia Strati.

For SPIE Solar Energy + Technology, in "Reliability of Photovoltaic Cells, Modules, Components, and Systems III conference, August May 1st - 5th 2010 in San Diego, CA United States, published in the SPIE review.

- September 2009

Release on acts of "24th European Photovoltaic Solar Energy Conference and Exhibition, Hamburg: Outdoor measurements for an effective PV modules temperature characterization"

M. Pellegrino, C. Cornaro, S. Bartocci, G. D'angiolini, G. Flaminio, V. Giglio, A. Matano, G. Nardelli, A.Ortense, A. Spena.

In cooperation with ENEA (Portici).

- June 2009

Release of paper "First parametric assessments on future use of biofuels: energetic, normative and environmental scenarios"

A.Spena, Giulia D'Angiolini, G.Rota.

Presented in AIGE Congress in Parma in June 4th-5th 2009.

Software

- Microsoft Office (Word, Excel, Power Point)
- AutoCAD
- Adobe Photoshop
- Termus
- Docet
- EPA-NR
- Solarius
- TRNsys
- MathCad

Ai sensi del D. L.gvo del 30 giugno 2003, n. 196 (Codice in materia di protezione dei dati personali), informato delle finalità del trattamento dei dati e della loro registrazione su supporti informatici, nonché dei soggetti responsabili dello stesso,

AUTORIZZO

con la trasmissione di questa scheda, UNINETTUNO Università Telematica nella figura del Rettore prof. Maria Amata Garito al trattamento dei dati personali contenuti in questo modulo per esclusive finalità didattiche e di ricerca al fine di consentire lo svolgimento dell'insegnamento e delle pratiche amministrative collegate.