

## Publicazioni scientifiche degli ultimi 5 anni

2018 - Contributo in Atti di convegno

Angelo Bertolazzi, Mauro Caini, Marco Campagnola, Giorgio Croatto, **Rossana Paparella**, Umberto Turrini (2018). From superelevation to refurbishment the case of the Ater Quarter in via Gramsci, Rovigo (1967-1971), Proceedings of 42<sup>nd</sup> IAHS WORLD CONGRESS: The housing for the dignity of mankind, 10-13<sup>th</sup> April 2018, Naples, Italy.

2018 - Rapporto tecnico

Olaf Bruun Jørgensen, Silvia Croce, Johan Dahlberg, Aymeric Delmas, Pietro Florio, François Garde, Jianqing He, Miljana Horvat, Jouri Kanters, Karin Kappel, Margarethe Korolkow, Carmel Lindkvist, Gabriele Lobaccaro, Marja Lundgren, Anne Monnier, Marlene Moore, Maria Cristina Munari Probst, Emilie Nault, Romain Nouvel, **Rossana Paparella**, Alexandre Pavlovski, Giuseppe Peronato, Christina S. Polo López, Christian Roecker, Alessandra Scognamiglio, Tanja Siems, Katharina Simon, Simon Stendorf Sørensen, Daniele Vettorato, Daiva Walangitang, Maria Wall, Annemie Wyckmans, Isa Zanetti, (a cura di ) Gabriele Lobaccaro, Carmel Lindkvist & Maria Wall, in: Lesson Learnt from Case Studies of Solar Energy in Urban Planning, April 2018, Publisher: IEA SHC Task 51;

2018 - Rapporto tecnico

Olaf Bruun Jørgensen, Silvia Croce, Johan Dahlberg, Aymeric Delmas, François Garde, Simone Giostra, Jianqing He, Miljana Horvat, Jouri Kanters, Karin Kappel, Margarethe Korolkow, Carmel Lindkvist, Gabriele Lobaccaro, Marja Lundgren, Anne Monnier, Marlene Moore, Emilie Nault, Romain Nouvel, **Rossana Paparella**, Alexandre Pavlovski, Giuseppe Peronato, Christina S. Polo López, Alessandra Scognamiglio, Tanja Siems, Katharina Simon, Simon Stendorf Sørensen, Daniele Vettorato, Daiva Walangitang, Maria Wall, Annemie Wyckmans, Isa Zanetti, In: (a cura di): Gabriele Lobaccaro, Carmel Lindkvist & Maria Wall, in: National and International Comparison of Case Studies on Solar Energy in Urban Planning, February 2018, Publisher: IEA SHC Task 51;

2017- Articolo in rivista

Lobaccaro Gabriele, Carlucci Salvatore, Croce Silvia, **Paparella Rossana**, Finocchiaro Luca (2017). Boosting solar accessibility and potential of urban districts in the Nordic climate: A case study in Trondheim. SOLAR ENERGY, vol. 149, p. 347-369, ISSN: 0038-092X, doi: 10.1016/j.solener.2017.04.015;

2017- Contributo in volume (Capitolo o Saggio)

**Paparella Rossana**, Caini Mauro (2017). Sistemi modulari abitativi temporanei e reimpiegabili ad alta efficienza energetica. In: (a cura di): Gabriele Bernardini Elisa Di Giuseppe, Colloqui.At.e 2017 DEMOLITION OR RECONSTRUCTION?. vol. 1, p. 1097-1107, MONFALCONE (GORIZIA):EdicomEdizioni, ISBN: 9788896386583;

2017 - Contributo in volume (Capitolo o Saggio)

Caini Mauro, **Paparella Rossana** (2017). Criteri per una progettazione compatibile con la conservazione e l'accessibilità degli edifici storici. In: (a cura di): Gabriele Bernardini Elisa Di Giuseppe, Colloqui.AT.e 2017 DEMOLITION OR RECONSTRUCTION?. vol. 1, p. 882-893, MONFALCONE (GORIZIA):Edicom Edizioni, ISBN: 9788896386583

2017- Contributo in volume (Capitolo o Saggio)

**Paparella Rossana**, Caini Mauro (2017). New settlements for a nZEB residential and handicrafts intended use: a case study. In: (a cura di): Angelo Ciribini Giuseppe Alaimo Pietro Capone Bruno Daniotti Guido dell'Osso Maurizio Nicolella, Re-shaping the construction industry. POLITECNICA, vol. 1, p. 323-332, Sant'Arcangelo di Romagna: Maggioli editore, ISBN: 9788891624864, ISSN: 2240-4392;

2017- Contributo in Atti di convegno

**Rossana Paparella** (2017). Sustainable Use of Natural Resources In Construction Works: a Case Study of Social Housing.. In: Vital Cities and Reversible Buildings. vol. 1, p. 104-109, Sarajevo Green Design Foundation, (SGDF) Bosnia and Herzegovina and the University of Twente (UT), the Netherlands., ISBN: 9789082169836, Mostar - Bosnia and Herzegovina, 4 - 7 october 2017;

2017- Rapporto tecnico

Olaf Bruun Jørgensen, Mauro Caini, Silvia Croce, Johan Dahlberg, Aymeric Delmas, Pietro Florio, Francesco Frontini, François Garde, Markus Gratzl, Virginie Grosdemouge, Caroline Hachem-Vermette, Mats Hachem-Åberg, Jianqing He, Miljana Horvat, Jouri Kanters, Karin Kappel, Margarethe Korolkow, Carmel Lindkvist, Gabriele Lobaccaro, Marja Lundgren, Thomas Mach, Michael Malderle, Christophe Menezes, Anne Monnier, Marlene Moore, Maria Cristina

Munari Probst, Marjorie Musy, Emilie Nault, Hans-Martin Neumann, Romain Nouvel, **Rossana Paparella**, Alexandre Pavlovski, Giuseppe Peronato, Christina S. Polo López, Ernst Rainer, Natalie Robertson, Christian Roecker, Erika Saretta, Kelsey Saunders, Alessandra Scognamiglio, Nazanin Sephery-Rad, Tanja Siems, Katharina Simon, Simon Stendorf Sørensen, Daiva Walangitang, Maria Wall, Annemie Wyckmans, (a cura di ) Gabriele Lobaccaro, Carmel Lindkvist, Maria Wall & Annemie Wyckmans, in Illustrative Prospective of Solar Energy in Urban Planning. Collection of International Case Studies, June 2017, Publisher: IEA SHC Task 51;

#### 2017- Rapporto tecnico

Aymeric Delmas, Pietro Florio, Caroline Hachem- Vermette, Miljana Horvat, François Garde, Daiva Jakutyte-Walangitang, Jouri Kanters, Gabriele Lobaccaro, Marja Lundgren, Maria Cristina Munari Probst, Carmel Margaret Lindkvist, Thomas Mach, Michael Malderle, Emilie Nault, **Rossana Paparella**, Giuseppe Peronato, Cristina S. Polo López, Ernst Rainer, Pamela Robinson, Erika Saretta, Kelsey Saunders, Nava Shahin, Tanja Siems, Katharina Simon, Mark Snow, Tobias Weiss, (a cura di ) Tanja Siems, Katharina Simon & Maria Wall, in State-of-the-Art of Education on Solar Energy in Urban Planning. Part 1: Approaches and Methods in Education, May 2017, Publisher: IEA SHC Task 51

#### 2016- Articolo in rivista

**Paparella Rossana**, Caini Mauro (2016). Comparison among environmental certification systems. Relationships between systems and project. Case study: the recovery of a RSA. VALORI E VALUTAZIONI, p. 39-56, ISSN: 2036-240

#### 2016- Contributo in volume (Capitolo o Saggio)

Zanchetta Carlo, **Paparella Rossana**, Cecchini Cristina (2016). "VPL for Building Performance Simulation: a case study in light analysis". In: (a cura di): Angelo Ciribini Giuseppe Alaimo Pietro Capone Bruno Daniotti Guido Dell'Osso Maurizio Nicolella, BACK TO 4.0: RETHINKING THE DIGITAL CONSTRUCTION INDUSTRY. vol. 1, p. 429-438, Sant'Arcangelo di Romagna (RN):Maggioli Editore, ISBN: 9788891618078

#### 2016- Contributo in volume (Capitolo o Saggio)

Caini Mauro, **Paparella Rossana** (2016). Nearly zero energy multifunctional modules for public use. In: (a cura di): Angelo Ciribini Giuseppe Alaimo Pietro Capone Bruno Daniotti Guido Dell'Osso Maurizio Nicolella, BACK TO 4.0: RETHINKING THE DIGITAL CONSTRUCTION INDUSTRY. vol. 1, p. 289-298, Sant'Arcangelo di Romagna (RN):Maggioli Editore, ISBN: 9788891618078

#### 2016 - Contributo in Atti di convegno

Paparella Rossana, Caini Mauro (2016). The recovery project of a proto-industrial building: the case study of the former Galvani-Rizzarda paper mill in Vittorio Veneto. In: CESB16 - Central Europe towards Sustainable Building 2016. vol. 1, p. 441-448, Grada Publishing, ISBN: 9788027102488, Prague, Czech Republic, Czech Technical University in Prague, Faculty of Civil Engineering, 22-24 June 2016;

#### 2016 - Contributo in Atti di convegno

Mauro Caini, Rossana Paparella (2016). The school building in the period between the unification of Italy and the first world war: intervention methodology applicable to a stock property of national significance. In: CESB16 - Central Europe towards Sustainable Building 2016. vol. 1, p. 78-85, Grada Publishing, ISBN: 9788027102488, Prague, Czech Republic, Czech Technical University in Prague, Faculty of Civil Engineering, 22-24 June 2016;

#### 2015 - Contributo in Volume

Paparella Rossana, Caini Mauro (2015). Approccio Metodologico per il Recupero Sostenibile del Patrimonio Edilizio Esistente: Applicazione in Casi Studio Significativi. In: (a cura di): Cecilia Mazzoli Davide Prati, Colloqui AT.e 2015. L'evoluzione del sapere in Architettura Tecnica. vol. 2, p. 259-268, Maggioli, ISBN: 9788891619068

#### 2015- Contributo in volume (Capitolo o Saggio)

Zanchetta Carlo, **Paparella Rossana**, Cecchini Cristina, Alessio Giulia (2015). Performance based building design through Building Energy Modeling (BEM). In: (a cura di): G. Alaimo P. Capone A. Ciribini B. Daniotti G. Dell'Osso M. Nicolella, Environmental Sustainability, Circular Economy and Building Production. vol. 1, p. ..., Sant'Arcangelo di Romagna:Maggioli S.p.A. Editore, ISBN: 978-8891612229

#### 2015- Contributo in Atti di convegno

Gobbi Matteo, Bortolato Matteo, Caini Mauro, **Paparella Rossana** (2015). Innovative solar thermal concentrating roof-integrated collector: technological and formal issues. In: ADVANCED BUILDING SKINS. p. 183-192, © Copyright: EF ECONOMIC FORUM, ISBN: 978-3-98120538-1, Bern, Switzerland, 3-4 november 2015;

2014- Articolo in rivista

C. Zanchetta, G. Croatto, **R. Paparella**, U. Turrini (2014). Il performance based building design per la qualità edilizia: dalla normalizzazione alla LEAN construction. *TECHNE*, vol. 8, p. 62-69, ISSN: 2240-7391, doi: 10.13128/Techne-15061;

2014- Contributo in volume (Capitolo o Saggio)

M. Caini, **R. Paparella** (2014). DESIGN METHODOLOGY FOR SUSTAINABLE BUILDINGS: A CASE STUDY. In: MASS CUSTOMISATION AND SUSTAINABILITY IN HOUSING. p. 157-169, Erçilia H. , Carlos T. Formoso, John Onyango, ISBN: 9780991060818;

2014- Contributo in volume (Capitolo o Saggio)

G. Brugnaro, M. Caini, **R. Paparella** (2014). Intelligent building envelope to optimize the exploitation of solar radiation. In: MASS CUSTOMISATION AND SUSTAINABILITY IN HOUSING. p. 223-235, Erçilia H. Hirota, Carlos T. Formoso, John Onyango, ISBN: 9780991060818;

2014- Contributo in volume (Capitolo o Saggio)

**R. Paparella** (2014). Building products made from recovered paper and cardboard: applicability and first conclusions. In: (a cura di): Marco Bovati Michele Caja Giancarlo Floridi Martina Landsberger, Cities in transformation Research&Design. vol. 2, p. 1011-1018, PADOVA:Il Poligrafo casa editrice, ISBN: 9788871158297;

2014- Contributo in Atti di convegno

G. Brugnaro, M. Caini, **R. Paparella** (2014). Energy saving through Building Envelope Innovation: Smart Skin Design. In: Recent Advances in Urban Planning, Sustainable Development and Green Energy. ENERGY, ENVIRONMENTAL AND STRUCTURAL ENGINEERING SERIES, p. 35-44, WSEAS Press, ISBN: 9789604744046, ISSN: 2227-4359, Florence (Italy), 22-24 november 2014;

2014- Contributo in Atti di convegno

C. Zanchetta, **R. Paparella**, P. Borin, C. Cecchini, D. Volpin (2014). The role of building energy modeling to ensure building sustainability and quality in a whole system design process. In: RECENT ADVANCES IN URBAN PLANNING, SUSTAINABLE DEVELOPMENT and GREEN ENERGY . ENERGY, ENVIRONMENTAL AND STRUCTURAL ENGINEERING SERIES, p. 87-93, WSEAS Press, ISBN: 9789604744046, ISSN: 2227-4359, Florence (Italy), 22-24 november 2014;

2014- Contributo in Atti di convegno

**R. Paparella**, E. Saretta (2014). Photovoltaics in Italian historical city centers: do PV products and building codes have a meeting point? . In: Sustainable Building: RESULTS. Are we moving as quickly as we should? It's up to us!. GBCe, ISBN: 9788469718155, Barcelona, 28-30th October 2014.