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<p>Nicola Cardinale is an engineer, working as a full professor at Department of European and Mediterranean Cultures: Architecture, Environment, Cultural Heritages (DICEM) of the University of Basilicata in Matera . He has produced a total of about 120 scientific papers, review, educational and informative, mostly in collaboration with other authors. The main themes of the work concerns mainly : temperature and humidity performance of buildings and building components with particular reference to the Mediterranean climate, renewable and alternative energy sources, ventilation and diffusion of pollutants in confined spaces, heat transfer with phase change, lighting and acoustic measurements, heat generators, chimney performance, refrigeration technology, technology and bio-climatic materials and diffusion of pollutants in the atmosphere. He is referee of international journals in the energy sector. He is Deputy Director of the Department of European and Mediterranean Cultures: Architecture, Environment, Cultural Heritages (DICEM).</p>	
PUBBLICAZIONI/PAPERS	
<p>CARDINALE N., ROSPI G, STAZI A . (2010) Energy and Microclimatic Performance of Restored Hypogeous Buildings in South Italy: the "Sassi" District of Matera. BUILDING AND ENVIRONMENT , vol.45, pp.94-106, ISSN: 0360-1323</p>	
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<p>CARDINALE N., ROSPI G, STEFANIZZI P, AUGENTI V (2011). Thermal properties of the vernacular buildings envelopes: the case of the "Sassi di Matera" and "Trulli di Alberobello. INTERNATIONAL JOURNAL OF ENERGY AND ENVIRONMENT, vol. 2, Issue 4; pp. 605-614, ISSN: 2076-2895</p>	
<p>CARDINALE N., ROSPI G, RUGGIERO F. (2011). Energy analysis of hybrid solar collectors integrated in architecture. In: Proceedings of ICAE 2011, International Conference on Applied Energy. Perugia, May 16-18, 2011.</p>	
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<p>CARDINALE N., BALESTRA A., CARDINALE T. (2015). Thermographic mapping of a complex vernacular settlement: the case study of Casalnuovo District within the Sassi of Matera (Italy) . ENERGY PROCEDIA, vol. 76, pp. 40-48, ISSN: 1876-6102- doi: 10.1016/j.egypro.2015.07.840</p>	



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CORSI/COURSES:

Environmental technical physics

Building Energy

ORARIO E SEDE DI RICEVIMENTO/ TIME AND PLACE RECEPTION:

Tuesday-Thursday: 16.30-19.00 h ,Università della Basilicata, Via Lazazzera, MATERA- Other times by appointment