



Francesco Castellani

Nazionalità: Italiana

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Data di nascita: 21/04/1988

Sesso: Maschile

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ISTRUZIONE E FORMAZIONE

PhD student in Engineering and applied science for energy and industry

Sapienza University of Rome [Attuale]

Building Engineer

University of Perugia

www.unipg.it

Energy Management Expert for Civil Sector (UNI 11339)

ICIM spa

www.icim.it

ISO 50001 internal auditor

IMQ spa

www.imq.it

PUBBLICAZIONI

Energy efficiency in public historical buildings: an integrated approach. The case of the National Gallery of Modern and Contemporary Art in Rome

[2020]

Francesco Castellani, Federico Santi, Romano Alberto Acri, *"Energy efficiency in public historical buildings: an integrated approach. The case of the National Gallery of Modern and Contemporary Art in Rome"*, 5th AIEE Energy Symposium "Current and Future Challenges to Energy Security", 15-17/12/2020

Energy efficiency as a key factor for the sustainability pathway of organizations. The case of the European Space Agency ESA-ESRIN in Rome

[2021]

Francesco Castellani, Maria Carmen Falvo, Federico Santi, Maurizio Della Fornace, *"Energy efficiency as a key factor for the sustainability pathway of organizations. The case of the European Space Agency ESA-ESRIN in Rome"*, 6th AIEE Energy Symposium "Current and Future Challenges to Energy Security", 14-16/12/2021

Energy efficiency improvement strategies for important historic buildings used as offices. A case study in Rome

[2021]

Francesco Castellani, Federico Santi, Romano Alberto Acri, Alessandro Pelliccia, Valerio di Prospero, Laura Denisa Antonuzzi, Annalisa Zuppa, "Energy efficiency improvement strategies for important historic buildings used as offices. A case study in Rome", 6th AIEE Energy Symposium "Current and Future Challenges to Energy Security", 14-16/12/2021

ESPERIENZA LAVORATIVA

Project Engineer *Studio Santi*

Paese: Italia

Energy efficiency, environmental sustainability, renewable energy source power plants:

- Energy efficiency masterplan of the National Gallery of Modern and Contemporary Art in Rome;
- Design of the new heat pump heating and cooling plant of the National Gallery of Modern and Contemporary Art in Rome;
- Design of the new ventilation system of the National Gallery of Modern and Contemporary Art in Rome;
- Design of the new Building Integrated PhotoVoltaic skylights of the National Gallery of Modern and Contemporary Art in Rome;
- Design of the new Combined Heating, Cooling and Power plant for the ACC in Ciampino Airport (Rome);
- Design of the new lighting systems of the ENAV ACC in Ciampino Airport (Rome);
- Design of the new lighting systems of the ENAV ACC in Padova;
- Design of the new lighting systems of the ENAV Headquarter in Rome;
- Design of a 70 MWp agro-voltaic power plant in Celentano (Puglia).

Energy management, ISO 50001 EMS:

- ISO 50001 Energy management system of the National Gallery of Modern and Contemporary Art in Rome;
- Energy audit and energy efficiency assessment of the ESA ESRIN site in Rome.

COMPETENZE LINGUISTICHE

Lingua madre: **italiano**

Altre lingue:

inglese

ASCOLTO B2 LETTURA B2 SCRITTURA B2

PRODUZIONE ORALE B2 INTERAZIONE ORALE B2

COMPETENZE DIGITALI

MS Office / AutoCAD / Energy modeling

Autorizzo il trattamento dei miei dati personali presenti nel CV ai sensi dell'art. 13 d. lgs. 30 giugno 2003 n. 196 - "Codice in materia di protezione dei dati personali" e dell'art. 13 GDPR 679/16 - "Regolamento europeo sulla protezione dei dati personali".