

CURRICULUM VITAE

Salvatore Cellura

EDUCATION

POLITECNICO DI TORINO | MSc in Energy and Nuclear Engineering

2017 – 2019

Career: Rational Use of Energy

UNIVERSITA' DI PALERMO | BSc in Energy Engineering

2012 – 2016

EXPERIENCE

POLITECNICO DI TORINO | PhD Student

Nov 2019 – present

Security and resilience of national energy systems

POLITECNICO DI TORINO | Research fellow

Lug – Ott 2019

Energy Performance of Heat Pump systems

CNR | Internship

Sett – Nov 2015 | Palermo (IT)

Optimization of biomasses used into energy plants

PUBLICATIONS

Ilaria Abbà, Salvatore Cellura, Stefano Paolo Corgnati, Silvia Morassutti, Leonardo Prendin *Overall Energy Performance of polyvalent Heat Pump systems*, **REHVA Journal** (2020)

Ettore Bompard, Carmelo Mosca, Salvatore Cellura, Stefano Corgnati, *L'impatto del COVID-19 sul carico elettrico nazionale/2*, rivista **ENERGIA** (2020)

Ettore Bompard, Salvatore Cellura, Alessandro Ciocia, Filippo

Spertino, Gianluca Fulli, Marcelo Masera, Arturs Purvins, Silvia Vitiello *Impact of RES electricity exchanges between North Africa and the*

EU power systems and markets, **MED & Italian Energy Report** / S.N., S.L., Giannini Editore, pp. 147-167. ISBN: 978-88-6906-121-9 (2020)

G. Tumminia, F. Guarino, S. Longo, D. Aloisio, S. Cellura, F. Sergi, G. Brunaccini, V. Antonucci, M. Ferraro *Grid interaction and environmental impact of a net zero energy building*, **Energy Conversion and Management** 203:112228 (2020)

G. Tumminia, F. Guarino, S. Longo, D. Aloisio, S. Cellura, F. Sergi, G. Brunaccini, V. Antonucci, M. Ferraro *Analysis of the effects of climate change on the energy and environmental performance of a building with and without onsite generation from renewable energy*, **Smart Innovation, Systems and Technologies**, 178 SIST, pp. 1380–1391 (2021)