

**Luca Turchetti**

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Luca Turchetti is research engineer at the Solar Thermal Energy and Smart Network Division of ENEA (Italian National Agency for New Technologies, Energy and Sustainable Economic Development) and adjunct professor at the University of Rome "La Sapienza". He is a chemical engineer and holds a PhD in Industrial Chemical Processes awarded by the University of Rome "La Sapienza".

He has more than 15 years' experience in fundamental and applied research in the field of renewable energy, with specific focus on concentrating solar thermal technologies, such as thermal energy storage systems and innovative chemical processes supplied with high-temperature solar heat. His activities range from process modeling and simulation to the development and testing of laboratory- and pilot-scale systems; furthermore, he served as coordinator of research unit in several Italian and European projects.

Since 2020, he sits as Italian delegate in the executive committee of SolarPACES, the technology collaboration programme of the International Energy Agency (IEA) devoted to solar power and chemical energy systems. He has also carried out an extensive didactic activity as professor in graduate and undergraduate University courses, lecturer in joint industry-academia masters and industrial training courses, coordinator and lecturer in technical schools for professionals and PhD graduates; furthermore, he served as supervisor in numerous graduate and under-graduate theses and co-supervisor in PhD theses.