



Name

Giovanni NICOLETTI

Role

Full Professor

Short CV

Prof. ing. Giovanni NICOLETTI, born in Bisignano (CS) on 21.09.1951, graduated, with 110 votes out of 110, in Mechanical Engineering from the University of Genoa on July 16, 1976. He started working as a Research Assistant at the Department of Mechanical Engineering of the University of Calabria in December 1976. It was, from 1985 to 2000, Associate Professor of Technical Equipment and Technical Physics at the Faculty of Engineering of the University of Calabria. E 'Ordinary Professor of Environmental Technical Physics at the University of the studies of the Calabria from 1/11/2000.

The scientific activity of Prof. Nicoletti has focused on the following topics:

- Vibration of Wall;
- Conductive and Convective Heat Transfer;
- Air pollution;
- Environmental impact;
- Various environmental issues (Municipal solid waste, greenhouse effect, etc.);
- Thermodynamics;
- Technical installations;
- Energy management;
- Development and environmental sustainability of the territory;
- Use of renewable energy sources.

Selected Publications

1. Gi. Nicoletti, Ge. Nicoletti, L'idrogeno per un sistema energetico sostenibile e non convenzionale.- Aspetti Tecnici ed Economici.- Congresso Nazionale ATI . Rende (CS), 5-9 settembre 2011.-
2. Gi. Nicoletti, F. S. Caterisi Papaiani, Ge. Nicoletti, L'idrogeno come Accumulatore di Energia Solare.- Aspetti Economici e Termodinamici. Congresso Nazionale ATI Trieste, 11-14 settembre 2012
3. Gi. Nicoletti, N. Arcuri, Ge. Nicoletti, R. Bruno – "A Technical and Environmental Comparison between Hydrogen and Some Fossil Fuel".- Journal of Energy Conversion and Management, 89 (205-2013), Elsevier, New York, USA, 2015.
4. Gi. Nicoletti, N. Arcuri, R. Bruno, Ge. Nicoletti, On the Generalized Concept of Entropy for Physical, Extraphysical and Chemical Processes, CLC – Costructural Law & Second Law Conference, ISBN 978-88-97162-35-3, 18-19 May Parma, Italy, 2015.
5. Gi. Nicoletti, R. Bruno, N. Arcuri, Ge. Nicoletti, Action and Strategies for the Urban Pollution produced by Heating Plants. – Journal of Oil and Gas Research,1 – 102.doi, 10.4172/ORG.1000102, 2015.
6. . Gi. Nicoletti, R. Bruno, N. Arcuri, Ge. Nicoletti, Real Costs Assessment of Solar-Hydrogen and Some Fossil by means of a Combustion Analysis. – Journal of Combustion, Article ID 6527510, 2016.