

XXXIII Cvcle



Vehicle-To-Grid Technology as a Flexible Resource for Grid Services: Economic and Technical **Feasibility Studies**

Francesco Giordano Supervisors: Prof. Filippo Spertino, Prof. Alberto Tenconi



- F. Giordano, F. Arrigo, C. Diaz, F. Spertino, F. Ruiz; "Forecast-based V2G Aggregation model for Day-Ahead and Real-time operations, Submitted to IEEE ISGT 2020, September 2019
- F. Giordano, Z. Tulumen, R. Sánchez, G. Magnacca ;"White Roof as a Multiple Benefits Low Cost Technology", Submitted on CERN IdeaSquare Journal of Experimental Innovation (CIJ), June 2019
- F. Giordano, A. Ciocia, P. Di Leo, F. Spertino, A. Tenconi, S. Vaschetto; "Vehicle-to-Home Usage Scenarios for Self

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- Consumption Improvement of a PV-based Nanogrid, Submitted to IEEE Trans. on Industry Application, February 2019
- F. Giordano, A. Ciocia, P. Di Leo, F. Spertino, A. Tenconi, S. Vaschetto; "Self-Consumption Improvement for a Nanogrid with Photovoltaic and Vehicle-to-Home Technologies", EEEIC, Giugno 2018, Palermo

PhD program in **Electrical, Electronics and Communications Engineering**

Awards

<http://dottorato.polito.it/it/innovation_for_change>

Member of the first classified team at "Innovation for Change (I4C) 2019" (27/06/2019)