

**PALENSKY, Peter**

Vienna University of Technology, Austria

Selected Scholarly Contributions [Data Provided by **SCOPUS**]

[A bionic approach for high-efficiency sensor data processing in building automation](#)

*IECON Proceedings (Industrial Electronics Conference)*, pp. 1949-1954, 2009.

[Anticipative virtual storage power plants](#)

*IECON Proceedings (Industrial Electronics Conference)*, pp. 3571-3574, 2009.

[Electric load management and information technology](#)

*IEEE AFRICON Conference*, 2009.

[Modeling domestic housing loads for demand response](#)

*Proceedings - 34th Annual Conference of the IEEE Industrial Electronics Society, IECON 2008*, pp. 2742-2747, 2008.

[Networked, distributed energy resources](#)

*Proceedings - 34th Annual Conference of the IEEE Industrial Electronics Society, IECON 2008*, pp. 23-24, 2008.

[Towards learning 2.0](#)

*2008 1st Conference on IT Revolutions*, 2008.

[A simulation platform for distributed energy optimization algorithms](#)

*IEEE International Conference on Industrial Informatics (INDIN)*, pp. 342-347, 2008.

[Testing approach for online hardware self tests in embedded safety related systems](#)

*IEEE Symposium on Emerging Technologies and Factory Automation, ETFA*, pp. 1270-1277, 2007.

[Evaluation of UMTS security architecture and services](#)

*2006 IEEE International Conference on Industrial Informatics, INDIN'06*, pp. 570-575, 2007.

[Communication with and within distributed energy resources](#)

*2006 IEEE International Conference on Industrial Informatics, INDIN'06*, pp. 352-356, 2007.

[Common approach to functional safety and system security in building automation and control systems](#)

*IEEE Symposium on Emerging Technologies and Factory Automation, ETFA*, pp. 1141-1148, 2007.

[Networks and buildings \[Netzwerke und gebäude\]](#)

*Elektrotechnik und Informationstechnik*, 123 (6), pp. 259-268, 2006.

[Vertical integration in distributed automation environment](#)

*Elektrotechnik und Informationstechnik*, 123 (5), pp. 166-171, 2006.

[Low cost data transmission via metallic solids for sensor networking](#)

*Proceedings - IEEE 2005 International Conference on Emerging Technologies, ICET 2005*, 2005, pp. 193-198, 2005.

[Integral resource optimization network - A new solution on power markets](#)

*2005 3rd IEEE International Conference on Industrial Informatics, INDIN*, 2005, pp. 578-583, 2005.

[PROFESY: Intelligent global energy management](#)

*INES'05: IEEE 9th International Conference on Intelligent Engineering Systems - Proceedings*, 2005, pp. 59-64, 2005.