# WSN for Solar Panel Applications

Karthik Sukumar, Johannes Machleid
School of Electrical and
Computer Engineering
Technical University of Munich
Munich, Germany
Email: {karthik.sukumar,johannes.machleid}@tum.de

Samuel Zoppi
School of Electrical and
Computer Engineering
Technical University of Munich
Munich, Germany

***Abstract*—The source of future energy production is undoubtedly renewable and eco-friendly. Solar power is one of the most abundantly available energy sources in almost all parts of the world. Although Solar power is widely avaiable certain physical and technological limitations allow for a low efficiency factor of 37% (And thats for commercially avaiable high end solar cells). This paper focuses on using Wireless Sensor Networks (WSN) to utilise the maximum possible energy of the solar cells without any further losses.**

## I. Introduction

This demo file is intended to serve as a "starter file" for IEEE conference papers produced under LaTeX using IEEEtran.cls version 1.7 and later. I wish you the best of success.

mds

January 11, 2007

### *A. Subsection Heading Here*

Subsection text here.

*1) Subsubsection Heading Here:* Subsubsection text here.

## II. Conclusion

The conclusion goes here.

## Acknowledgment

The authors would like to thank...

## References

[1] H. Kopka and P. W. Daly, *A Guide to LaTeX*, 3rd ed. Harlow, England: Addison-Wesley, 1999.

*This paper is a reinterpretation of the paper *J. Caesar. "Digital sundials and broadband technology," in Proc. IOOC-ECOC, 19XX, pp. 557-998*. It was presented on December 24, 2006 (Paper submission deadline) as a part of MSCE Seminar (MSCE course TUM), under the supervision of M. Sc. (or Dipl. Ing.) Aurelia Cotta (aurelia.cotta@roma.it).