



UNIVERSITÄT LINZ
Institut für Praktische Informatik

Univ. Prof. Dr. Alois FERSCHA

Altenberger Straße 69
A-4040 Linz

Tel.: +43 (732) 2468 8555

Fax: +43 (732) 2468 8426

ferscha@soft.uni-linz.ac.at

<http://www.soft.uni-linz.ac.at>

Prof. Thad STARNER
Georgia Institute of Technology



GASTVORTRAG

Wearable Agents

Forty years ago, pioneers such as J.C.R. Licklider and Douglas Englebart championed the idea of interactive computing as a way of creating a “man-computer symbiosis”. The goal was to enable mankind to think in ways that were previously impossible. Unfortunately, in those times, such a mental coupling was limited to sitting in front of a terminal and keying in requests. Today, wearable computers, through their small size, proximity to the body, and usability in almost any situation, may enable a more intimate form of cognition suggested by these early visions. Specifically, wearable computers may begin to act as intelligent agents during everyday life, assisting in a variety of tasks depending on the user's context. One of the main obstacles to such wearable agents is perceiving the user's environment. To help address this issue, modern pattern recognition techniques can be employed to explore potentially new interfaces and, conversely, interface design can help compensate for the recognition errors inherent to these techniques.

Zeit: Donnerstag, 14. November 2002, 17:00 c.t.

Ort: Johannes Kepler Universität Linz, HS 16

Information: <http://www.soft.uni-linz.ac.at>

Thad Starner is a wearable computing pioneer, completing one of the first PhDs addressing the subject while at MIT. He has been using a wearable computer as an integral part of his everyday life since 1993.

Starner is a professor in the College of Computing at Georgia Tech in Atlanta and is currently a visiting professor at the Electrical Engineering department at the Swiss Federal Institute of Technology in Zürich. Thad is also the CTO of Charmed Technology, a company specializing in high-end wearable computers for R&D as well as low-end wearable computers for industry. (<http://www.cc.gatech.edu/fac/Thad.Starner/>)