

## **UNIX or WINDOWS NT - a perspective view**

**STEFAN SCHIMPF, Stuttgart**

### **ABSTRACT**

This abstract describes the topics of a talk to be held at the 46<sup>th</sup> Photogrammetric Week. Subject of consideration is the question which consequences are implied by the strategic decision for using either Windows NT or some Unix operating system (or both together) in a scientific research environment.

In particular, after illustration of the common features of both operating system types, discussion will focus on the following questions

- which types of hardware platforms are supported and what does that mean in terms of computing power that can be provided for applications?
- which type of computing topology is supported, i.e. how can operating system tasks and application programs be assigned to user workstations (or graphic terminals) and server computers?
- which security levels are supported (e.g. U.S. DoD Level C2 or B1)?
- which concepts are employed to achieve reliability and high availability?
- which efforts are made by the major vendors to connect and integrate Unix and Windows NT environments?

The final article will be available at the conference.