



Diplomanden- und Doktorandenseminar  
des Instituts für Informatik

## Expansion of the DeCPD network layer for local product model storage

Stefan Kehl, TU Clausthal

Because of the rising complexity of new products, today a single company is most likely not capable of doing all the development work on its own. There is the possibility of developing new products in collaboration with other companies in order to keep up their competitiveness. The DeCPD- Architecture provides the basics for a distributed approach for collaborative product development.

In this talk we will see possible storage models for the DeCPD. Afterwards we will discuss how it is possible to implement the collaborative workflow based on a structured peer-to-peer overlay network. In this context a solution for the basic network methods will be presented. This methods will be discussed in terms of suitable Quality-of-Service requirements. Finally solution statements will be presented to achieve the QoS requirements. This statements will be discussed according to their practicability.

Montag, den 20.12.2010

10 Uhr s.t. in Raum 106, IfI, Julius-Albert-Straße 4