

C6 Systems and Network Security Doctoral Workshop

Time: Friday, 17.09.2010, 11:20 a.m.

Location: Humboldt-Building, Lecture Room 204/Foyer

Poster Session:
Chairman: W. Kühnhauser, G. Schäfer (DE-Ilmenau)
Pham Van Thuong, Hoang Dang Hai, Ha Duong Nguyen (VN-Hanoi)
Design and Deployment of a Monitoring Sensor for Enterprise's Networks Enterprise's computers that are connected to the Internet are often targets for attacks and need to be protected. Using sensors, a network security monitoring system can collect security events from different locations in the network, analyze them and give indications of possible network attacks. However, it is still not clear how a sensor network can be designed and how can the sensors be managed. This paper presents an approach for modeling a sensor management system within an enterprise's network security monitoring framework. We discuss the overall architecture of sensor networks as well as several factors that influence the sensor network design and present a framework for a sensor management system.