Abstract [not really]

I started my PhD in April 2009 at the Swedish Institute of Computer Science (SICS) Kista Stockholm. My main supervisor is Mats Björkman from Mälardalen University Västerås. I will work on the security issues in the Wireless Sensor Network (WSN) but right now I am not sure about the fine-grained future research topic.

Currently I am working on the WirelessHART Security which is an extension of my Master thesis. WirelessHART is an open standard for the WSN designed primarily for the industrial process automation and control system. It is claimed to be a secure and reliable standard. I developed a Security Manager for the WirelessHART Network. I have already submitted my first paper in ETFA 2009. The paper is about the security analysis of the WirelessHART network. Currently I am refining my second paper that is about the design and implementation of a Security Manager for the WirelessHART Network. I will be happy to share my work with the SWITS fellows. [I am quite late to get a presentation slot but we can discuss during the informal sessions]

I am very curious about SWITS seminar and feel that it would be a good way to know what other fellows are doing. I don't know but it would be great if someone is doing PhD in wireless security or specifically in WSN security.

Right now this is all that I can share with you. This year I am more on gaining side but I am hopeful that the next year I will have more to share.

Regards

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