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Computer security: surviving and operating services despite highly skilled and well-funded organised crime groups

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This presentation gives an overview of the current computer security landscape. It describes the main vectors of compromises in the academic community including lessons learnt, reveals inner mechanisms of the underground economy to expose how our computing resources are exploited by organised crime groups, and gives recommendations how to better protect our computing infrastructures. By showing how these attacks are both sophisticated and profitable, the presentation concludes that an important mean to adopt an appropriate response is to build a tight international collaboration and trusted information sharing mechanisms within the community.

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Track Classification: Track5: Computing activities and Computing models