Keynote Speaker

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“Attribution: The Art and Practice of Answering the Ancient Question Surrounding a Crime – Who DID it?”

Abstract
According to dictionary.com "attribution" is the action of ascribing a work (as of literature or art) to a particular author or artist or person. In Cyber Security, attribution refers to the action of ascribing a security offense (Malware, Intrusion, Virus, and so forth) to a person, criminal organization or state sponsored organization. Attribution answers the often intractable question - who did it?

The increasing importance of attribution, within cyber security circles, became apparent after the 2016 Presidential elections in the United States whereas the break in into the National Democratic Committee mail servers became not only a crime but it was raise to the level of a "National Security Crime". Attribution now claims more than a passing interest or novelty, indeed, it has become an essential part of security strategies and practice.

In this talk, Kurt Baumgartner, will present a short introduction into the problem of "attribution", describe the technical challenges present, as well as presenting an insight into both public and private methodologies in use today by companies, and governmental organizations to address the issue. The talk will summarize the current state of the art in "cyber security attribution" though the use of a real cased study.

Biography
As Principal Security Researcher, Kaspersky Lab, Kurt Baumgartner is responsible for monitoring the malware landscape across the Americas and enhancing Kaspersky Lab technologies and solutions.

Prior to joining Kaspersky Lab in 2010, Kurt was VP of Behavioral Threat Research at Symantec – PC Tools ThreatFire. Originally joining ThreatFire as a startup in 2005 as their sole Researcher, he built up and led their research efforts through two successful acquisitions. Before Symantec, Baumgartner was Chief Threat Officer at Novatix and a Threat Analyst at SonicWALL. He is an active blogger and regularly presents on malware issues at international conferences and speaks to interested media.