

Roberto Carbone



Roberto Carbone obtained the MSc degree in Computer Engineering at the University of Genova in 2005 and received his Ph.D. from the same University in 2009.

His PhD Thesis, titled “LTL Model-Checking for Security Protocols”, has been awarded the CLUSIT prize 2010 by the Italian Association for Information Security.

Since November 2010, he is a researcher of the Security and Trust Research Unit at the Center for Information Technologies of Bruno Kessler Foundation in Trento. His research focuses on the formal analysis of security protocols and services.

He has contributed to the development of some key extensions of the SATMC model checker and he is currently the main developer of the tool. He has contributed to the discovery of a serious vulnerability on the SAML-based Single Sign-On for Google Apps, an Authentication flaw in the most common use-case scenario of SAML 2.0 SSO Profile, and the detection of serious vulnerabilities in protocols for Strong Authentication.