

Publications & Talks

Dr. Ronny L. Bull

[Network Security: VLAN hopping, ARP Poisoning and Man-In-The-Middle Attacks in Virtualized Environments](#)

Utica College Nexus Seminar Series. Utica, NY. November 10th, 2017.

Dr. Ronny L. Bull, Nick Merante

Design and Implementation of the [CNY Hackathon](#) Competition Platform

NSA Centers of Academic Excellence Northeast Regional Resource Center Meeting. Boston, MA. October 20th, 2017.

Nick Merante, Dr. Ronny L. Bull

Leading a “Black Team”: Systems Engineering for Regional Competitions.

NSA Centers of Academic Excellence Northeast Regional Resource Center Meeting. Boston, MA. October 20th, 2017.

Dr. Ronny L. Bull

[VLAN hopping, ARP Poisoning and Man-In-The-Middle Attacks in Virtualized Environments](#)

[ANYCon](#) 2017 – Albany, NY. June 17th, 2017

Sean Drzewiecki (Undergraduate Collaborator), Aaron Gudrian (Undergraduate Collaborator), Dr. Ronny L. Bull

[The Stuffer](#)

[ANYCon](#) 2017 – Albany, NY. June 17th, 2017

Dr. Ronny L. Bull

[How your virtual machines can be hacked in a cloud environment](#)

Invited Talk: HackCon#12 – Oslo, Norway. Feb. 15th, 2017
([Slides](#))

Ronny Bull & Jeanna Matthews

Critical analysis of layer 2 network security in virtualised environments

[International Journal of Communication Networks and Distributed Systems, 2016 Vol. 17 No. 3](#)

([Peer Reviewed Final Draft of Article](#))

Ronny Bull

[A Critical Analysis of Layer 2 Network Security in Virtualized Environments](#)

A Doctoral Dissertation Submitted to the Department of Computer Science at Clarkson University, Sept. 2016.

Ronny Bull, Jeanna Matthews, & Kaitlin Trumbull (Undergraduate Collaborator)

VLAN Hopping, ARP Poisoning and Man-in-the-Middle Attacks in Virtualized Environments

[DEFCON 24](#). August 7th, 2016

([White Paper](#) & [Presentation Materials](#)) & ([Video](#))

Jake Mihevc, Ronny Bull, Nick Merante, & Brandon Froberg

The Central New York Hackathon: A Case Study on the Collaborative Design and Implementation of a Regional Cyber Defense Event

[National Cybersecurity Institute Journal, Volume 2, No. 2](#).

October 15, 2015

[Journal Issue](#)

 [Lab on a Stick](#)

[Peter Shipman](#) (*Undergraduate Collaborator*), [Ronny Bull](#)
SIGITE '15 Proceedings of the 16th Annual Conference on
Information Technology Education, 2015

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Ronny Bull & Jeanna Matthews

Exploring Layer 2 Network Security in Virtualized Environments

[DEFCON 23](#). August 9th, 2015

([White Paper](#) & [Presentation Materials](#)) & ([Video](#))

Ronny Bull

Penetration Testing – An Overview

Invited Lecture: Fordham University at Lincoln Center. May
29th, 2015

([Slides](#)) & ([Prelab](#))

Ronny Bull

Exploring Layer 2 Network Security In Virtualized Environments
– DHCP Attacks

[B-Sides Roc](#) '15. April 25th, 2015

([Slides](#))

*Ronny Bull, Nick Merante, Joseph Vandermaas (Undergraduate
Collaborator)*

[Virtualized Lab Environments for Cost-Effective Hands-On
Learning](#)

SUNY ITEC Wizards 2014. November 18th, 2014

Ronny Bull

[Exploring Layer 2 Network Security In Virtualized Environments](#)

DerbyCon 4.0 “Family Rootz”. September 27th, 2014

([Slides](#))

[✘ Migrating a voice communications laboratory to a](#)

virtualized environment

Ronny Bull

SIGITE '13 Proceedings of the 14th annual ACM SIGITE conference on Information technology education, 2013
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✘ A quantitative study of virtual machine live migration

Wenjin Hu, Andrew Hicks, Long Zhang, Eli M. Dow, Vinay Soni, Hao Jiang, Ronny Bull, Jeanna N. Matthews

CAC '13 Proceedings of the 2013 ACM Cloud and Autonomic Computing Conference, 2013
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Ronny Bull

Design and Implementation of a Computer Science Virtualized Lab Environment at SUNYIT

A Masters Thesis Submitted to the Department of Computer & Information Science at SUNYIT, May 2012.