

# 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  
frames are not supported

 [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  
frames are not supported

*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.