

SCHUYLER TOWNE

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HONORS AND AWARDS

Black Badge, Defcon 15, 2007

Top Honors in the Defcon Speed Picking competition.

Grand Prize, Shmoocon Firetalks, 2011

Awarded for the presentation “We Need to Start Attacking Disc Detainer Locks.”

RESEARCH EXPERIENCE

On the Origins of Mechanical Locks

- Discovered omissions and mistranslations in 18th century texts that had been relied on for 200+ years.
- Leveraged work by archaeologists and linguists to identify a 700 year window in which the mechanical lock evolved.

The Great Lock Controversy of 1851

- Studying the watershed moment in British culture when Hobbs picked Bramah & Chubb's locks.
- Extrapolated the rise of the locksmith technician, cultural taboos and the social construct of security from this moment in history.

X-Locks: Recovery of the Lost Lock Patents

- Aim to recover as much information as possible on the security-related patents lost in the Patent Office fire of 1836
- Reproducing working models of the locks

PRESENTATIONS, WORKSHOPS AND INVITED LECTURES

Presentation, “Locksport: An Emerging Subculture” *Defcon 15*, Aug. 5th, 2007.

Presentation, “Responsible Disclosure in Physical Security,” *University of Advancing Technology*, Nov. 2007.

Presentation, “How to Make Friends and Influence Lock Manufacturers,” *Defcon 16*, Aug. 8th 2008.

Presentation, “How They Get In, How They Get Caught,” *Crime Bake*, Nov. 12th 2010.

Workshop, “Physical Security,” *403 Labs*, Jan. 25th 2011.

Presentation, “We Need To Start Attacking Disc Detainer Locks,” *Shmoocon*, Jan. 2011.

Workshop, “High Security Lock Design,” *Hasbro*, Feb. 3rd 2011.

Invited Lecture, “Great Lock Controversy of 1851,” *Princeton University Center for Information Technology Policy*, Mar. 2011.

Workshop, “Physical Security for Pen Testers,” *Secure State*, Mar. 2011.

Invited Lecture, “The Beauty of Locks” *Olin College, Technology and Culture Seminar Series*, Mar. 2011

Workshop, “Lock Forensics,” *Hive13*, Mar. 31st 2011.

Presentation, “The Terror of Egg Harbor City,” *Foocamp*, Jun. 2011.

Presentation, “DIY Non-Destructive Entry,” *Defcon 19*, Jul. 2011.

Workshop, “Locks and Lockpicking,” *Black Lodge Research*, Aug. 2011.

Presentation, “Locks are Beautiful,” *TEDxSomerville*, May 4th 2012

Invited Lecture, “The Lock Talk at Gambit,” *Singapore-MIT/GAMBIT Game Lab*, Apr. 2012.

Invited Lecture, “Lost in Space: an Exploration of Private and Public Space,” *Center for Civic Media, MIT*, May. 2012.

Presentation, “Disc Detainer Locks,” *LayerOne*, May. 2012.

Presentation, “Why Do You Lock Your Door?” *RVAsec*, Jun. 1st 2012.

Presentation, “Vulnerability Research circa 1851” *University of Wisconsin*, July 2014.

Paper Presentation, “Rethinking the Origins of the Lock” *CarolinaCon*, Mar 2015

Moderator, “Translating Hacker Culture to the Screen”, “Practical Hacking for Film Makers”, & “The Ethics of Accuracy”, *Tribeca Film Festival*, Apr 2015.

PROFESSIONAL AFFILIATIONS The Open Organisation Of Lockpickers, US 2006-2007
Member of the Board.

NDE Magazine, 2006-2008
Editor in Chief.

The Ronin Institute, 2012-Present
Research Scholar