virus
BULLETIN
Covering the global threat landscape

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VB2016 call for papers

Virus Bulletin is seeking submissions from those wishing to present papers at VB2016, the 26th Virus Bulletin International Conference, which will take place 5 to 7 October 2016 at the Hyatt Regency Denver Hotel, Denver, Colorado, USA.

The conference will include a programme of 30-minute presentations running in two concurrent streams. The two streams will be split into themed sessions covering both traditional AV issues and some slightly broader aspects of security:

- Malware & botnets
- Anti-malware tools & methods
- Mobile devices
- Spam & social networks
- Hacking & vulnerabilities
- Network security

Presentation topics

Some topic suggestions are listed below. Please note that the suggestions are *not* exhaustive — the selection committee will consider papers on any subjects that fall within the relevant areas.

- **Malware & botnets**
  - 0-days
  - APTs and targeted attacks
  - Banking malware
  - Linux threats
  - Adobe threats/security
  - Botnet analysis, infrastructure & takedowns
  - DGA algorithms
  - Exploit kits
  - Malware that targets specific AV products & their vulnerabilities
  - Web/browser attacks
  - Low-level attacks, such as UEFI, BIOS, DMA
  - Nation-sponsored attacks & espionage
  - Big Data challenges & capabilities

- **Anti-malware tools & methods**
  - Classification/clustering/automation
  - Cloud/real-time blocking of malware
  - Testing trends/approaches
  - Multi-engine scanning
  - Automatic malware analysis
  - Custom malware signature creation
  - Whitelisting
  - Telemetry for classification
  - Reputation-based cloud services
  - Law enforcement work, view, focus
  - Security in multinational companies

- **Mobile devices**
  - Android threats & security
  - Apple iOS threats & security
  - Windows mobile threats & security
  - Automated analysis systems for mobile platforms
  - Geolocated threats
  - Mobile botnets
  - Mobile anti-malware
  - BYOD
  - Malicious mobile ads
  - 'Feudal security'

- **Spam & social networks**
  - Anti-spam techniques
  - Targeted social engineering
  - SMS spam
  - Spam (campaign) analysis
  - Spam trends and statistics
  - Social network scams
  - Social networks and privacy
  - DNS-based blacklists
  - DKIM/SPF/DMARC
  - Social network spam

- **Hacking & vulnerabilities**

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VB Conferences

VBConnect

VB2016 (Denver)

VB2015 (Prague)

VB2014 (Seattle)

VB2013 (Berlin)

VB2012 (Dallas)

VB2011 (Barcelona)

VB2010 (Vancouver)

VB2009 (Geneva)

VB2008 (Ottawa)

VB2007 (Vienna)

VB2006 (Montréal)

VB2005 (Dublin)

VB2004 (Chicago)

VB2003 (Toronto)

VB2002 (New Orleans)

VB2001 (Prague)

VB2000 (Orlando)

VB99 (Vancouver)

VB98 (Munich)

VB97 (San Francisco)

VB96 (Brighton)

VB95 (Boston)

VB94 (Jersey)

VB93 (Amsterdam)

VB92 (Edinburgh)

VB91 (Jersey)

'This was my first attendance at a Virus Bulletin conference and I found it extremely worthwhile - excellent speakers, good discussions, valuable networking and generally a decent educational venue.'

- Bug bounties
  - SCADA/ICS vulnerabilities
  - Penetration testing techniques
  - XSS/CSRF vulnerabilities
  - Medical device vulnerabilities
  - Hacktivism
  - Hacking ethics
  - Password cracking
  - Data breaches
  - Responsible disclosure
- **Network security**
  - Network-level defences
  - DDoS attacks
  - SDN Openflow Sflow related topics
  - Network encryption
  - IPv6
  - DNS security
  - Network layer security and defence
  - Tor
  - DNSSEC
  - BGP

In particular, VB welcomes the submission of papers that will provide delegates with ideas, advice and/or practical techniques, and papers exploring new technologies. VB encourages presentations that include practical demonstrations of techniques or new technologies.

How to submit a proposal

Please use our online abstract submission form to submit a proposal for VB2016. You will need to include:

- an abstract of approximately 500 words outlining the proposed paper

- five key points your presentation will cover

- full contact details with each submission

- Note: **deadline for submissions 18 March 2016**. Submissions received later than 18 March 2016 will not be considered.

The abstract submission form can be found here.

Following the close of the call for papers all submissions will be reviewed by a selection committee; authors will be notified of the status of their paper by email.

One presenter per selected paper will be offered a complimentary conference registration, while co-authors will be offered registration at a 50% reduced rate (up to a maximum of two co-authors). VB regrets that it is not able to assist with speakers' travel and accommodation costs.

Authors are advised that, should their paper be selected for the conference programme, they will be expected to provide a full written paper that will be included in the VB2016 Conference Proceedings as well as a 30-minute presentation at VB2016 in Denver. The deadline for submission of the completed papers will be *Thursday, 9 June 2016*, and potential speakers must be available to present their papers in Denver between 5 and 7 October 2016.

Any queries relating to the call for papers should be addressed to editor@virusbtn.com.

Last-minute presentations

In addition to the scheduled presentations, a portion of the conference program will be set aside for 'last-minute' presentations, the aim of which is to present up-to-the-minute material.

Proposals for the last-minute presentations need not be submitted until three weeks before the start of the conference - a call for papers will be announced in early August. Presenting a full paper will not preclude an individual from being selected to present a last-minute presentation.