

NDSS: DNS Privacy Workshop 2018

2018 Topic: Increasing Usability and Decreasing Traceability

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Location and Important Dates

Workshop Location: San Diego, CA, USA

Workshop date: **18th Feb 2018** (co-located with NDSS 2018)

Submission deadline: 15th Dec 2017 anywhere-on-earth. ***The Call for papers for the 2018 workshop has now closed.***

Notifications and invitations to present at the workshop: 13th Jan 2018

Remote Participation Details:

Join from PC, Mac, Linux, iOS or Android: <https://isoc.zoom.us/j/209512592>

Or via Telephone:

US: +1 646 558 8656 or +1 669 900 6833


Meeting ID: 209 512 592

International numbers available: https://isoc.zoom.us/join?m=pP2_aKoQ51N0eBNxQxhcXTHqO-ooVtqj

Or iPhone one-tap :

US: +16465588656,,209512592# or +16699006833,,209512592#

Additionally, there is a jabber room available: ndss@conference.amsl.com

 Recordings of the sessions are [now available on YouTube](#)

We tweeted from @DNSPrivacyProj **Twitter Hashtags:** #NDSS18 #DNSPrivacy

Tentative Agenda (subject to change)

All times are PST.

Session Duration	Session Topic	Presentation	Authors (speaker in italics)	Time
08:30 - 10:00	Traceability (Video)	Welcome from the Chairs		08:30 - 08:40
		Cancelled due to illness: Let a Thousand Filters Bloom - DNS-Based Threat Monitoring That Respects User Privacy	<i>Roland M. van Rijswijk-Deij (SURFnet bv):</i>	08:40 - 09:00
		ipcipher: Encrypting IP Addresses	<i>Bert Hubert (PowerDNS)</i>	
		Privacy and usability implications of onion domains	<i>Phillip Winter (Princeton University)</i>	09:00 - 09:30
		Enumerating Privacy Leaks in DNS Data Collected above the Recursive (Link to submitted paper)	<i>Basileal Imana (USC), Aleksandra Korolova (USC) and John Heidemann (USC/ISI)</i>	09:30 - 10:00
BREAK				

10:30 - 12:30	The Changing Role of the Recursive (Video)	Trust relationships between users and private DNS resolvers	Daniel Kahn Gillmor (ACLU)	10:30 - 11:00
		Panel Session: DNS-over-HTTPS (DOH) - Privacy considerations	Panel Members: Paul Hoffman (ICANN), Ben Schwartz (Google), Daniel Kahn Gillmor (ACLU) Moderator: Melinda Shore	11:00 - 11:40
		Quad9 Deployment of DNS-over-TLS	John Todd (PCH)	11:40 - 12:00
		Panel Session: Deployment and Adoption Blockers	Panel Members: John Todd (PCH), Allison Mankin (Salesforce), Wes Hardaker (USC/ISI) Moderator: Vicky Risk (ISC)	12:00 - 12:30
LUNCH				
13:30 - 15:00	Usability (Video)	DNS-over-TLS on Android	Ben Schwartz (Google), Erik Kline (Google)	13:30 - 13:50
		Stubby - A DNS Privacy client: Current status and GUI	Sara Dickinson (Sinodun)	13:50 - 14:00
		Panel Session: DNS Privacy Usability	Panel Members: Mary Ellen Zurko (MIT Lincoln Laboratory), Emily Stark (Google), Ben Schwartz (Google), Daniel Kahn Gillmor (ACLU) Moderator: Allison Mankin	14:00 - 14:30
BREAK				
15:30 - 17:30	The Recursive and Beyond! (Video)	Leakage via Certificate Transparency	Melinda Shore (Fastly)	15:30 - 15:50
		Analyzing and Mitigating Privacy with the DNS Root Service (Link to submitted paper)	Wes Hardaker (USC/ISI)	15:50 - 16:20
		DNS Client Privacy through CDNs	Christian Huitema (Private Octopus Inc.)	16:20 - 16:50
		Wrap-up Session	Rapporteur: Han Zhang (Salesforce)	16:50 - 17:30

Chatroom/jabber scribe: Han Zhang (Salesforce)

Technical Programme Committee

- Sara Dickinson, Sinodun IT (TPC Co-chair)
- Allison Mankin, Salesforce (TPC Co-chair)
- Melinda Shore, Fastly (TPC Co-chair)
- Roland M. van Rijswijk-Deij, SURFnet bv
- Joseph Lorenzo Hall, Center for Democracy & Technology
- Christian Huitema, Private Octopus Inc
- Stéphane Bortzmeyer, AFNIC
- Min Suk Kang, National University of Singapore
- Aaron Johnson, US Naval Research Lab
- Phillipp Winter (Independent)

Contact

If you have any questions about topics or otherwise, send email to Sara Dickinson <sara@sinodun.com> and Allison Mankin <allison.mankin@gmail.com>