



CRAWDAD: A COMMUNITY RESOURCE FOR ARCHIVING WIRELESS DATA AT DARTMOUTH

Sharing and reusing research data is increasingly discussed and recognised as a crucial part of the scientific process [2], and indeed is being encouraged or mandated by research funding bodies [1, 4]. We run the CRAWDAD network data archive as a resource for wireless network researchers to both deposit and share their data, and for other researchers to download and use data in their research. We believe that many of the datasets in the CRAWDAD archive are of interest to the WiSec community. Indeed some past WiSec papers have used CRAWDAD datasets [3]. By advertising the CRAWDAD archive to the community, we hope to help further wireless security research and also encourage further contributions to the archive.

Some Relevant datasets

Some CRAWDAD datasets that might be of interest to the WiSec community include:

- **C** hope/nh_amd Collection of packets generated by RFID badges at The Next
- **Solution Solution Solution** \approx 160,000 different devices in various locations in Rome and the Vatican.
- **st_andrews/locshare** Traceset of a privacy study, including encounters, sharing Andrews in the UK.
- **uportorwthaachen/vanetjamming2012** A dataset of 802.11p packets, collected in patterns.
- *uportorwthaachen/vanetjamming2014* A dataset of 802.11p packets, collected in a rural area located in the periphery of Aachen (Germany) in 2012, with the patterns.

Please visit the CRAWDAD archive at http://crawdad.org/ to download these and over 100 other wireless network datasets.

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CRAWDAD: A Wireless Network Data Archive for WiSec Researchers

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HOPE (Hackers On Planet Earth) conference held in New York City, USA, in 2010.

preferences, and accelerometer readings, conducted at the University of St

an anechoic chamber and outdoors in Porto (Portugal) in 2011, with and without the presence of an RF jamming signal with constant, reactive, and pilot jamming

presence of an RF jamming signal with constant, periodic, and reactive jamming

CONTRIBUTE YOUR DATA!

We are also interested in hosting any wireless data that you may have collected in the course of your research. Sharing your data will help the research community, and also help you gain visibility for your work. Sharing data has been shown to increase citations [5] and is a good way of advertising your research. The CRAWDAD archive can provide storage, persistent citable links, and your data will be advertised to over 6,000 users from over 100 countries around the world. Note that any sensitive data should be sanitised before release, and we require that contributors sign an agreement to indicate that appropriate IRB/ethics approval was obtained for any shared research data. If you would like to contribute some data or know more about the process, then please e-mail crawdad@crawdad.org.

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