



Trinity College Dublin
Coláiste na Tríonóide, Baile Átha Cliath
The University of Dublin

Research Seminar

An Akamai View of Global IPv6 Address Activity

David Plonka
Akamai

2-3pm Thursday 16th June 2016

Abstract: The Akamai platform is a great vantage from which to observe the Internet. We see a striking amount of activity on IPv6: over 10 billion active WWW client addresses seen per month. In this talk, we share our v6 measurement results and use visualizations to show how we discover where the action is within the IPv6 address space. We also highlight how IPv6 addresses change the Internet show how we analyze IPv6 addresses to inform operations such as host reputation, access control, abuse mitigation.

Short Bio: David Plonka (Dave) is a Research Scientist at Akamai Technologies. His research and development interests include Internet measurement, traffic classification, analytics, and anomaly detection; Internet Protocol version 6 (IPv6); global Internet application performance and optimization; network management; and security vulnerabilities. He has worked as a programmer and network engineer, authored free software, and developed Internet best practices and standards. He holds a Ph.D. (Computer Sciences) from the University of Wisconsin-Madison. CV: <http://www.cs.wisc.edu/~plonka/plonka-cv.pdf>

Venue: Seminar Room, Dunlop-Oriel.

Further Details: <http://www.scss.tcd.ie/doug.leith/seminars.php>