

# DATANET 2016

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**Title:**

Challenges and Opportunities in Internet Measurement

**Abstract:**

In this talk I'll take a look at why Internet measurement is so difficult. The answers range from issues that are architectural, to statistical, to practical. I'll also take a look at the range of approaches that can be used to overcome some of the obstacles to obtaining data about communication networks. To illustrate, I'll present a case study of traffic measurement methods that can be used even when direct access to a network is not possible. I'll wrap up by asking where interesting future research opportunities may lie.