Welcome!

Skyline Users Meeting 2018 San Diego

Skyline Team

Brendan MacLean

Nick Shulman

Brian Pratt

Tobi Rohde

Vagisha Sharma

Nat Brace

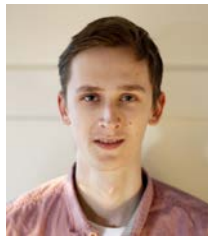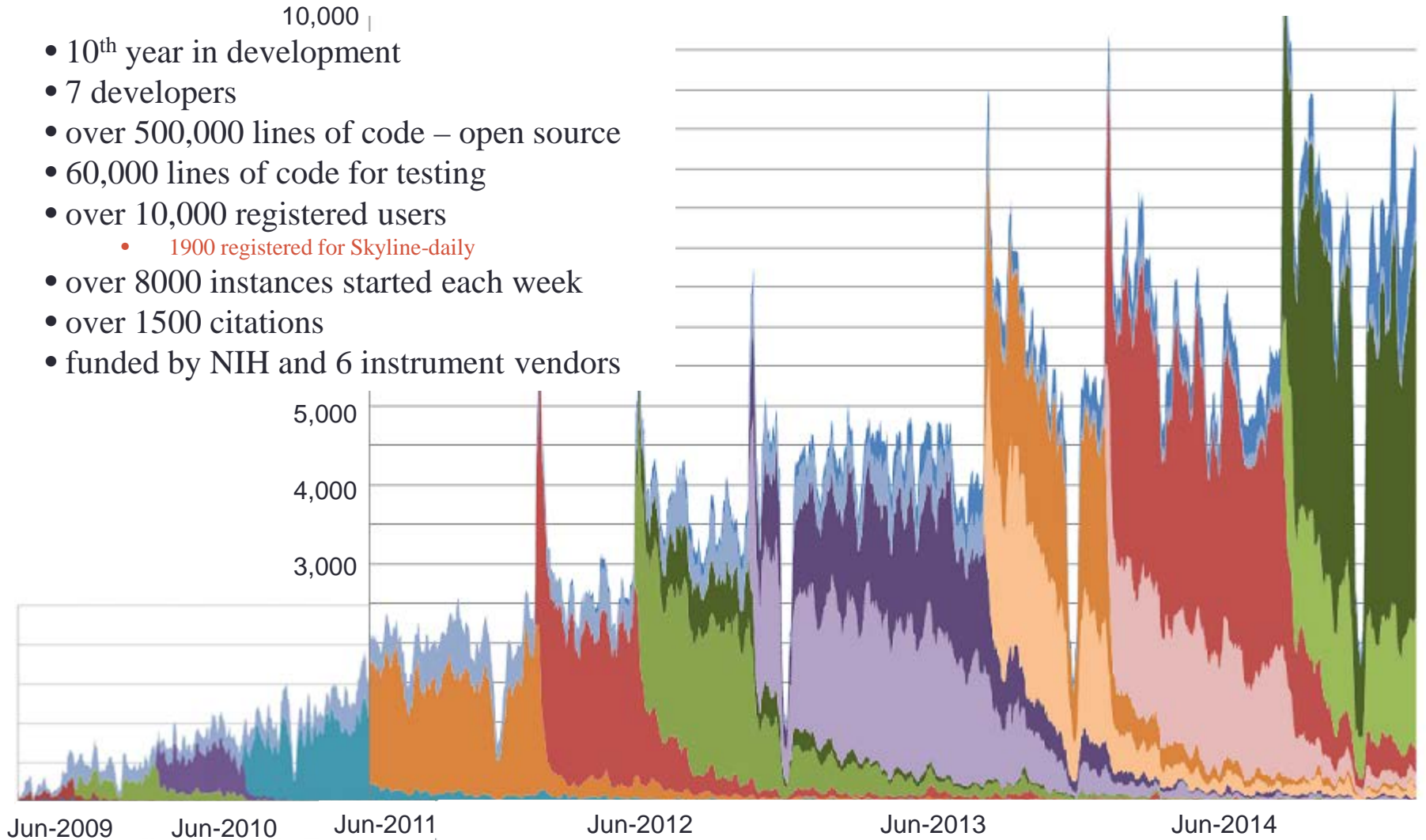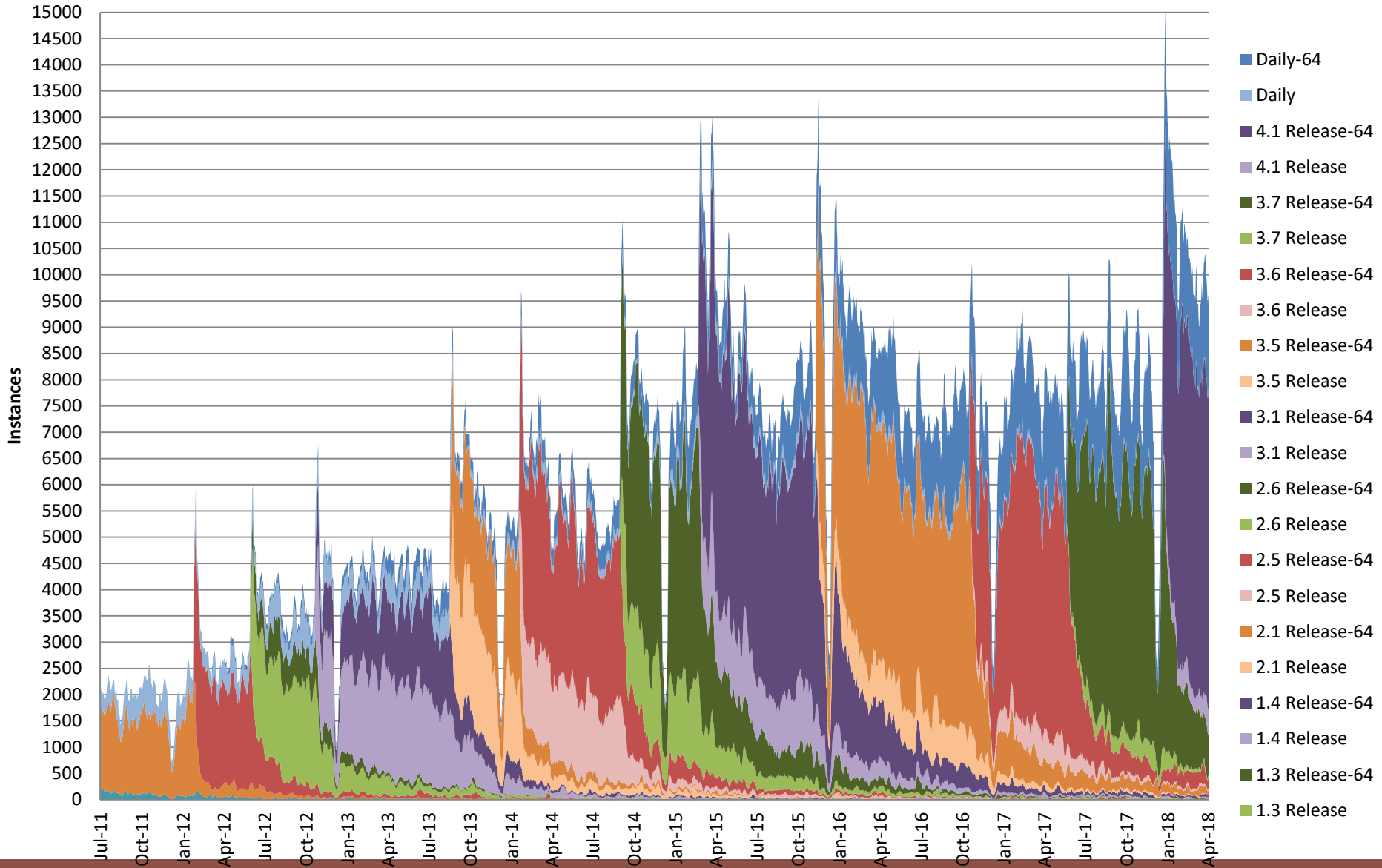**Kaipo Tamura**

Yuval Boss

Skyline Project Overview

- 10th year in development
- 7 developers
- over 500,000 lines of code – open source
- 60,000 lines of code for testing
- over 10,000 registered users
  - 1900 registered for Skyline-daily
- over 8000 instances started each week
- over 1500 citations
- funded by NIH and 6 instrument vendors

10,000

5,000

4,000

3,000

Jun-2009   Jun-2010   Jun-2011   Jun-2012   Jun-2013   Jun-2014

7-day Trailing Instances

Skyline Development Federal Support

- **NIH/NIGMS: Skyline Targeted Proteomics Environment (Competitive Renewal Submitted)**
  - **R01 GM103551 (PI: MacCoss)**

- **NIH/NIGMS: Comprehensive Biology: Exploiting the Yeast Genome (Competitive Renewal Submitted)**
  - **P41 GM103533 (PI: MacCoss)**

- **NIH/Common Fund: Library of Integrated Network-Based Cellular Signatures**
  - **U54 HG008097 (PI: Jaffe)**

- **NIH/NIGMS: The Chorus Project: A Sustainable Cloud Solution for Mass Spectrometry Data**
  - **R01 GM121696 (PI: MacCoss)**

NIH/NIGMS: Skyline Grant Aims

- **Specific Aim 1: Improve the robustness, reliability and performance of Skyline.**

- **Specific Aim 2: Improve support for non-proteomics workflows.**

- **Specific Aim 3: Improve collection, sharing, and dissemination of quantitative mass spectrometry data.**

- **Specific Aim 4: Support fully automated and cloud pipelines with Skyline processing.**

- **Specific Aim 5: Continue support and training for the Skyline ecosystem.**

Skyline Instrument Vendor Support

Today's speakers

Michael MacCoss – MacCoss Lab, University of Washington

Robert Ahrends – ISAS

Christopher Ashwood – Medical College of Wisconsin

Paul Auger – Genentech

Buyun Chen – Genentech

Yao Chen – University of Kansas

Today's speakers

 Don Davis – Vanderbilt

 Kristin Geddes – University of Delaware

 Lindsay Pino – University of Washington

 Brendan MacLean – University of Washington

*** Close***