



# VizUM2018

Thursday, November 15  
4:00-7:00 p.m.

The visualization symposium at the University of Miami



**BONGSHIN LEE**

Microsoft Research

**Bongshin Lee** is a Senior Researcher at Microsoft Research. She explores innovative ways to enable people to create visualizations, interact with their data, and share data-driven stories. Her recent focus is on helping people collect & explore data about themselves and share meaningful insights with others by leveraging visualization. Bongshin served as a General Co-Chair for IEEE PacificVis 2017 and as a Papers Co-Chair for IEEE InfoVis 2015 & 2016 as well as PacificVis 2018. She currently serves as an Associate Editor for IEEE TVCG. She received her PhD in Computer Science from the University of Maryland, College Park. <http://aka.ms/bongshin>

## *Data-Driven Storytelling with Expressive Visualization*

Practitioners are increasingly using visualizations “in the wild” to tell compelling stories supported by data, and continually developing novel techniques that integrate data visualization into a cohesive narrative. In response, the visualization research community has begun to pay more attention to the need and use of visualization as a storytelling medium. In this talk, I will present my recent research on data-driven storytelling to empower people to easily create data-driven stories with expressive visualizations, without programming.



**HADLEY WICKHAM**

RStudio

**Hadley Wickham** is Chief Scientist at RStudio, a member of the R Foundation, and Adjunct Professor at Stanford University and the University of Auckland. He builds tools (both computational and cognitive) to make data science easier, faster, and more fun. His work includes packages for data science (the tidyverse: including ggplot2, dplyr, tidyr, purrr, and readr) and principled software development (roxygen2, testthat, devtools). He is also a writer, educator, and speaker promoting the use of R for data science. Learn more on his website, <http://hadley.nz>

## *Visualizing Code*

We know that visualisations are a great way to communicate data, but they're also a great way to communicate code. In this talk, I'll show you some visualizations to explain functional programming, a powerful toolkit of techniques that are very well suited to data science problems. I hope to show you why I think functional programming is so awesome, using visualisations of code. I'll connect this back to the visualisation of data, explaining why I think it's a good idea to code your data visualisations, and show how you can use functional programming to produce a bunch of visualisations with just a few lines of code.

REGISTER FOR FREE: <https://ccs.miami.edu/vizum-2018/>

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