

# VIS 2016

VAST • INFOVIS • SCIVIS

23-28 October 2016

Baltimore, Maryland, USA



## PANEL

# ON THE DEATH OF SCIENTIFIC VISUALIZATION

KLAUS MUELLER

VISUAL ANALYTICS AND IMAGING LAB  
COMPUTER SCIENCE DEPARTMENT  
STONY BROOK UNIVERSITY

# THE DEATH PANEL

SciVis



# CITATION HISTORY

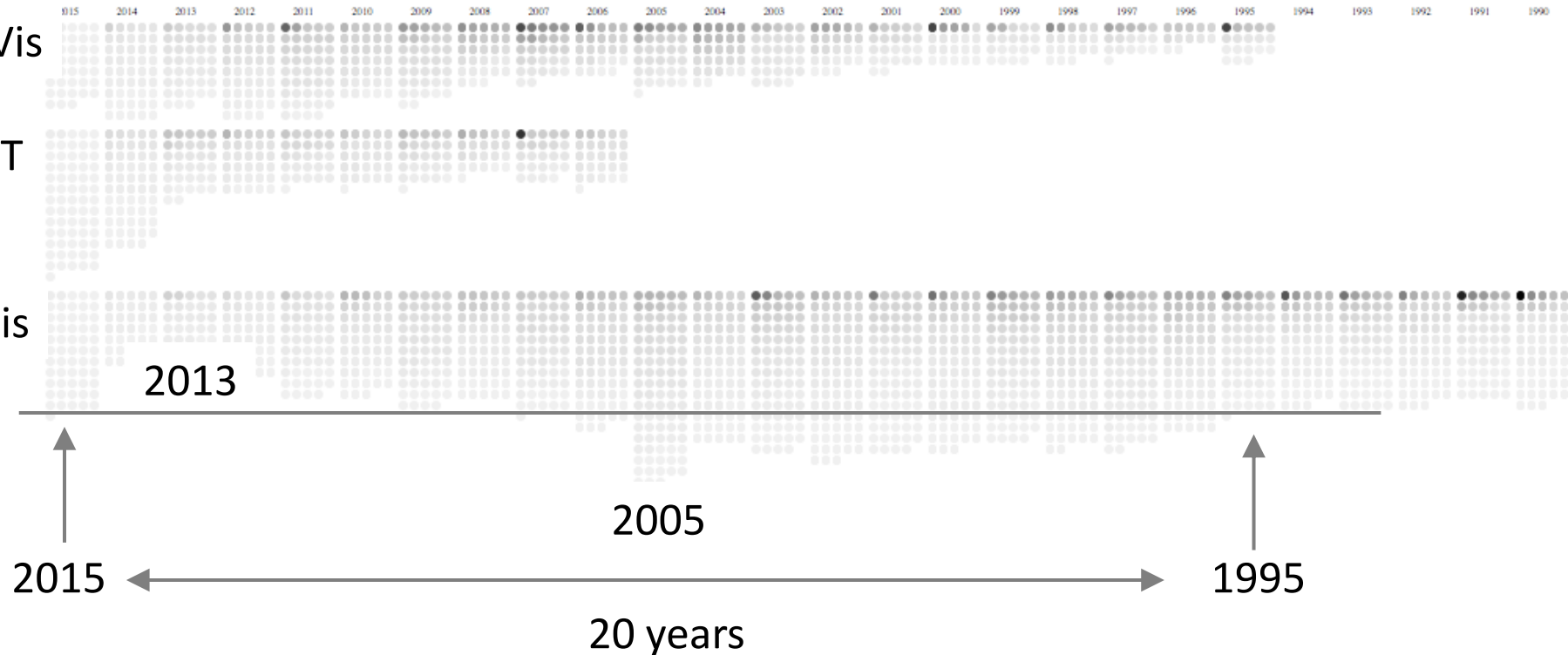
## IEEE VIS Citations

Authors:  Title Search:  Group:  All  By Conference  By Conference and Year

InfoVis

VAST

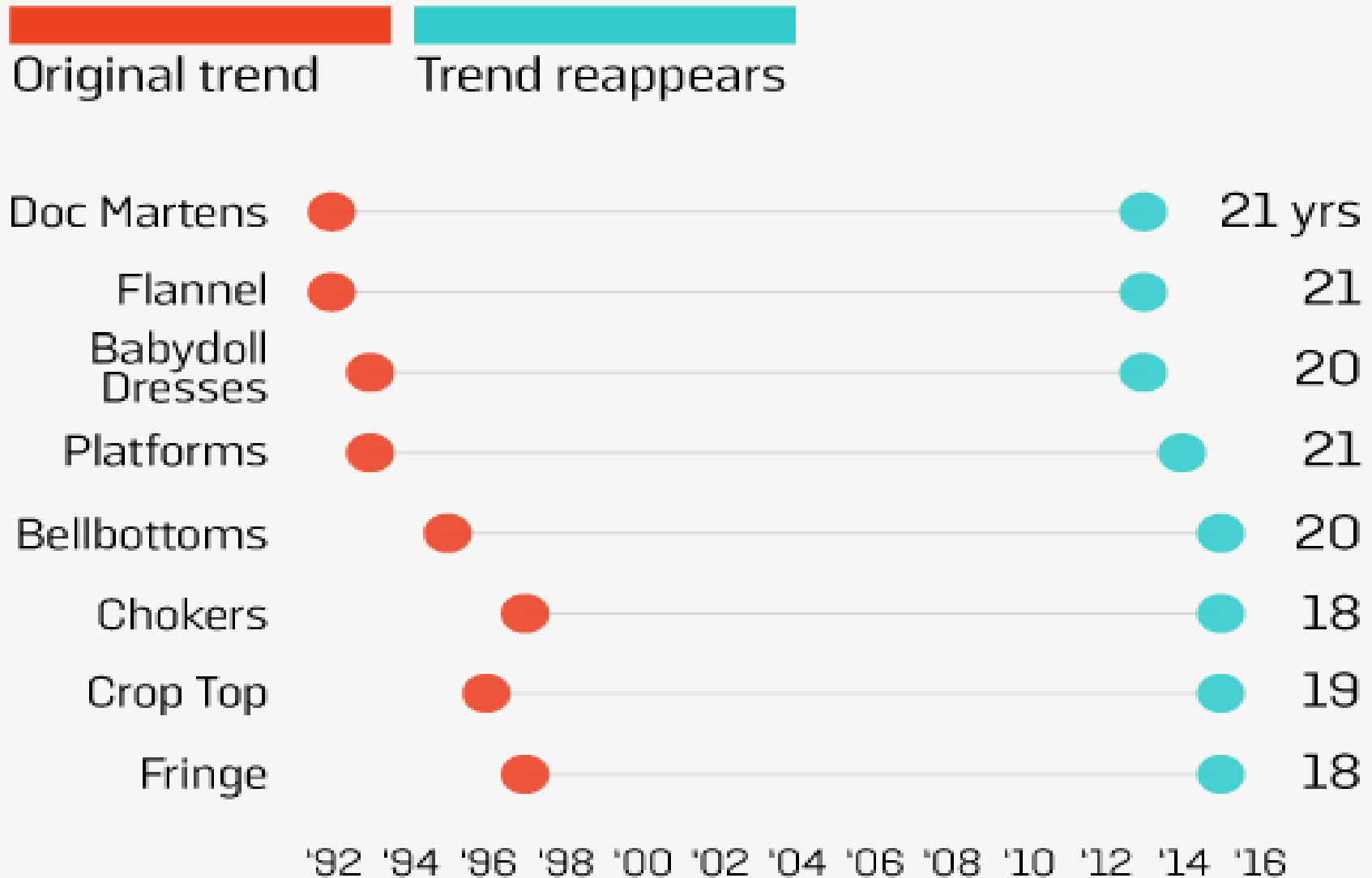
SciVis



CiteVis: Visualizing Citations among InfoVis Conference Papers

<http://www.cc.gatech.edu/gvu/ii/citevis/> [last Access: June 2016]

# THE 20 YEAR CYCLE OF FASHION



# NEW IN 2016





# EMMA ... AT



2 (1996)

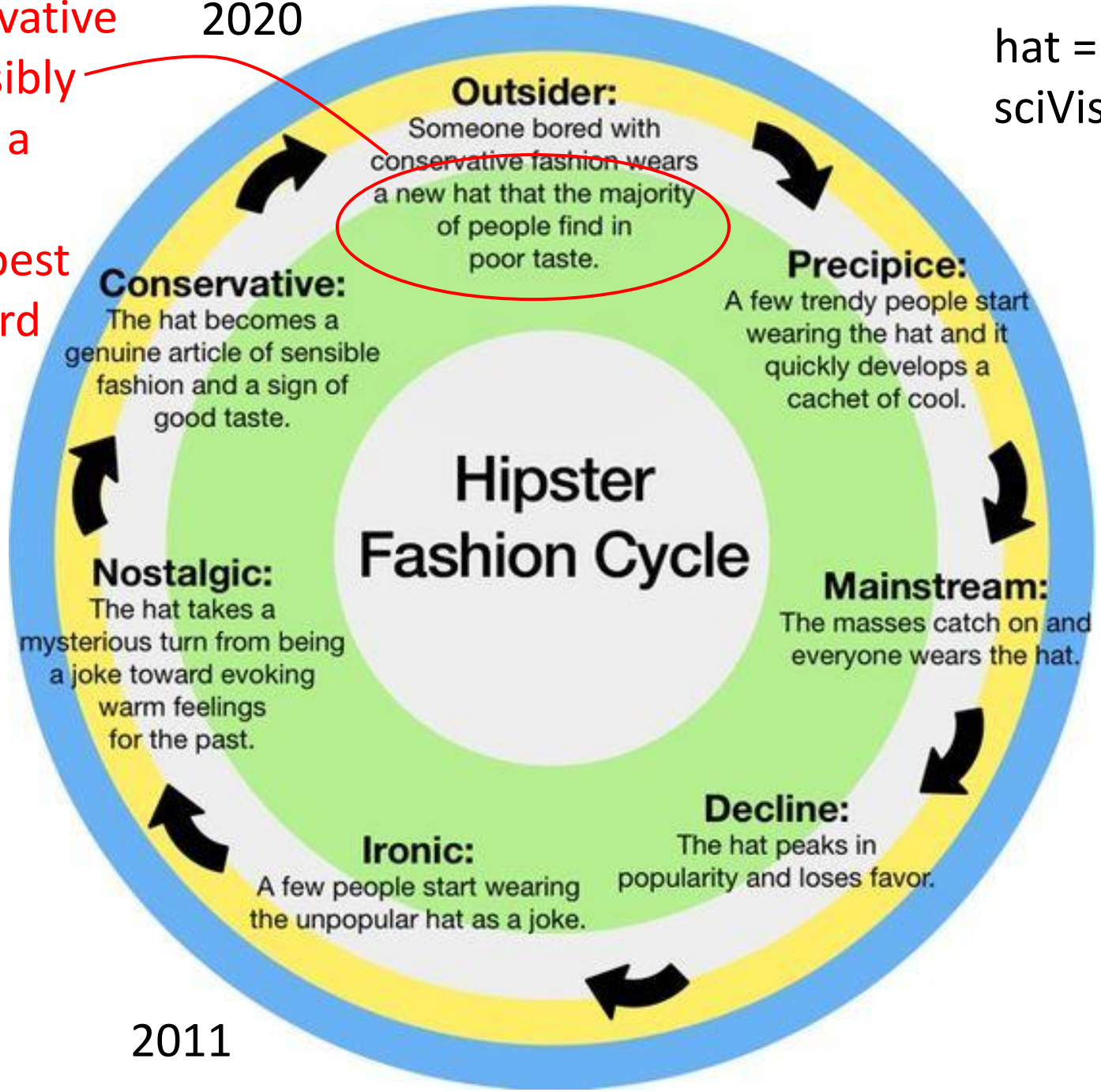


22 (2016)

highly innovative  
paper, possibly  
rejected as a  
crazy idea,  
later wins best  
poster award

2020

hat =  
sciVis paper



2025

2005

2016

2011

# RETRO RE-IMAGINATION

But fashion never returns exactly

- it's re-imagined driven by new parallel trends and innovations



- sensing technology for self-cruise control and parking
- OLED dashboard
- etc....



# RETRO RE-IMAGINATION FOR SCIVIS

New trends (will) force re-imagination

- data science (data, data, data,...)
- VR, and AR, with their new gadgets and accessories, such as Oculus Rift, Google Glass, Microsoft HoloLens

Fashion also commonly borrows from other fashions

SciVis (will) make use of

- D3.js (infoVis)
- human computer interfaces (CHI)
- machine learning (NIPS)

and re-imagine them for its own style and identity

# WHAT SCIVIS AS A FASHION NEEDS

## Innovative designers

- paper chairs
- steering committee members

## Daring fashionistas:

- researchers who enthusiastically embrace the new trends
- play with them
- synergize
- and re-inspire the designers

# CLOSING STATEMENT

Arguably, the name **SciVis** sounds a bit old-fashioned

- because it is old

Some may think that **Sci** is less cool than **Info**

- but now we have Data **Science**

Data Science

- the new twist that is making SciVis cool and fashionable again

Go SciVis Fashionistas & Designers!!!

