

Education on the Horizon: Teaching and Learning with Technology

Week 1: Introduction

Dr. Yizhen (Eejain) Huang

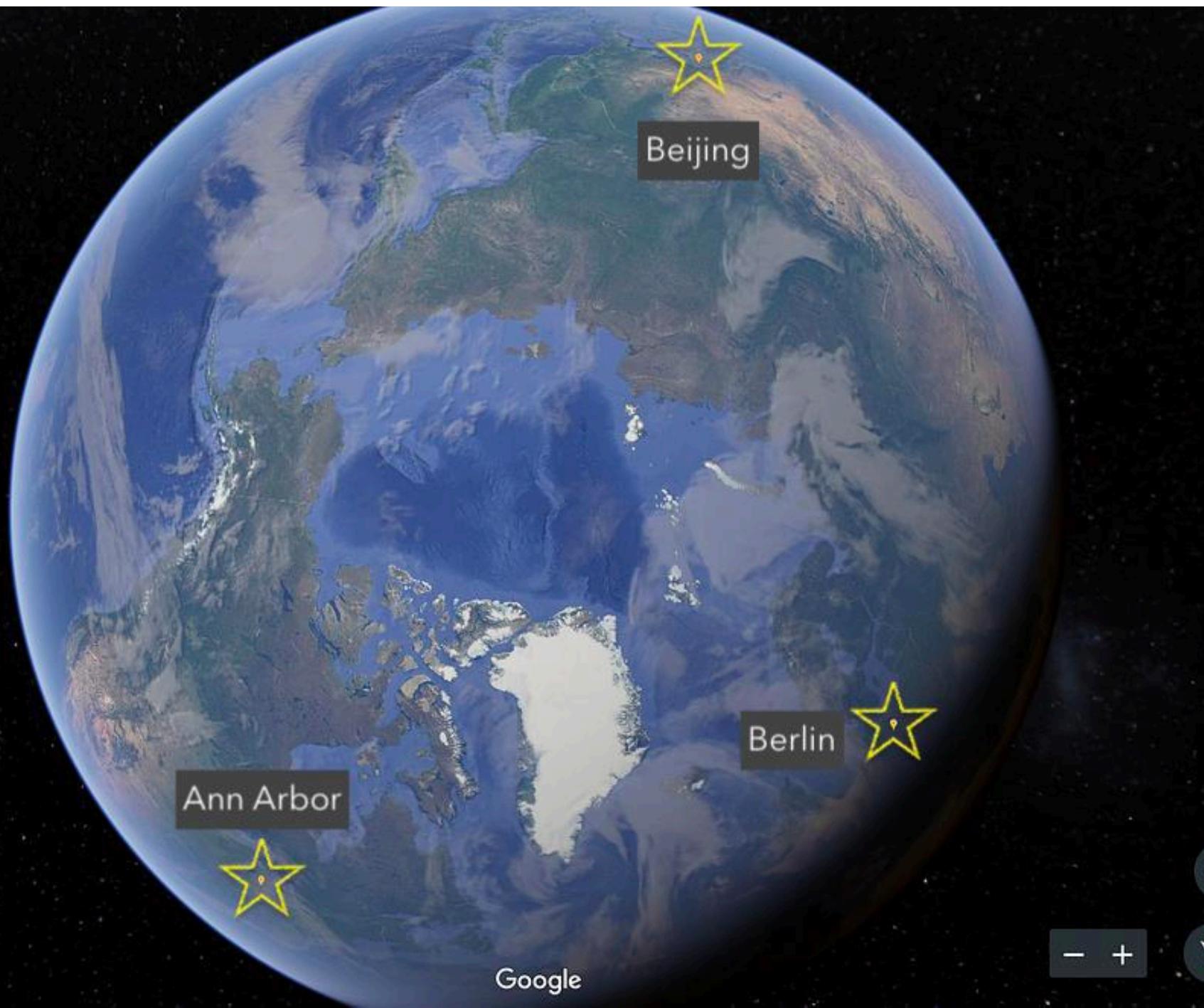
Department Erziehungswissenschaft, University of Potsdam

First, some house cleaning...

- » Course site: <https://edutech.netlify.com/>
- » Course communication: <https://discord.gg/e3VpXtv>
- » Syllabus

A walk though of the tools

- >> Website
- >> Discord

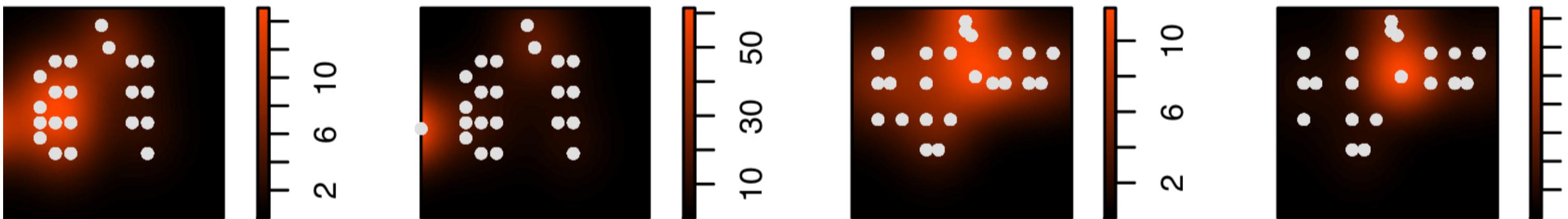


Next, let's get to know each other

- » Beijing, China:
- » Department of Psychology, Beijing Normal University
- » Ann Arbor, Michigan, USA:
 - » Combined Program in Education and Psychology, University of Michigan
 - » Dual Master in Statistics, University of Michigan
- » Potsdam, Brandenburg, Germany

Inside Academia

Research interest: visual cognition and learning/teaching



Inside Academia

Data analysis and visualization for learning analytics



Figure 1: Scatter plot of 3 French regions on 8 fatty acid content

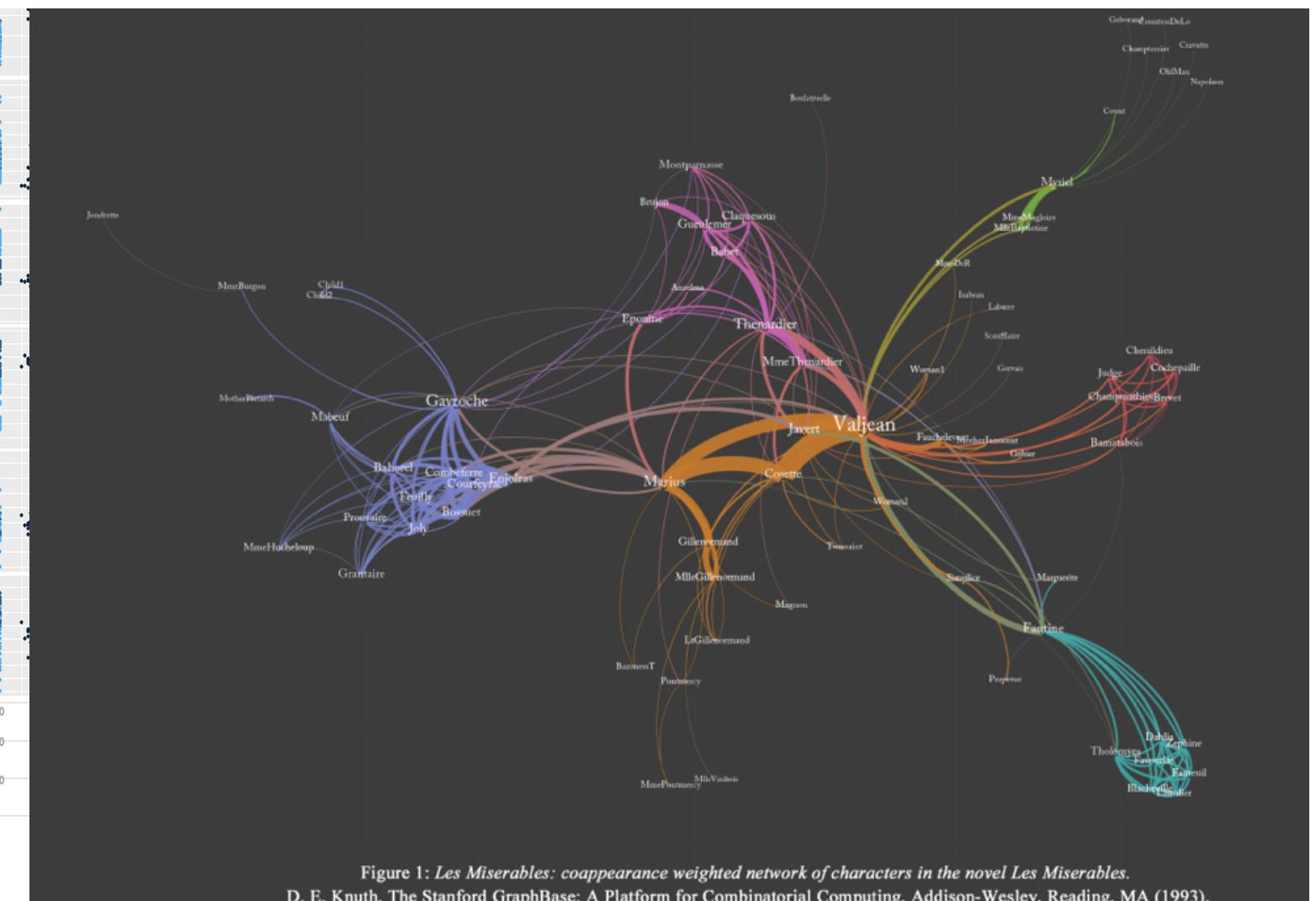
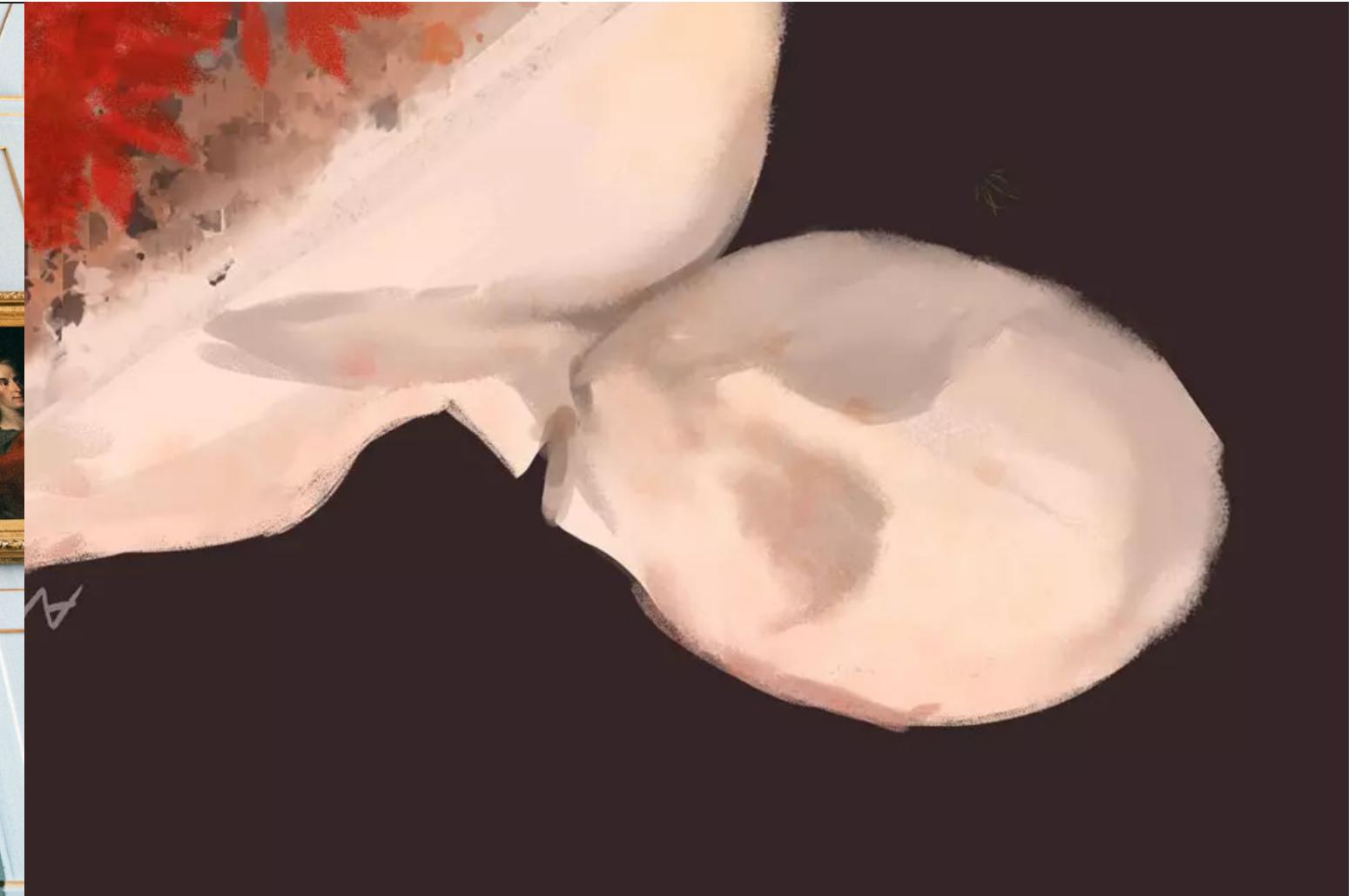
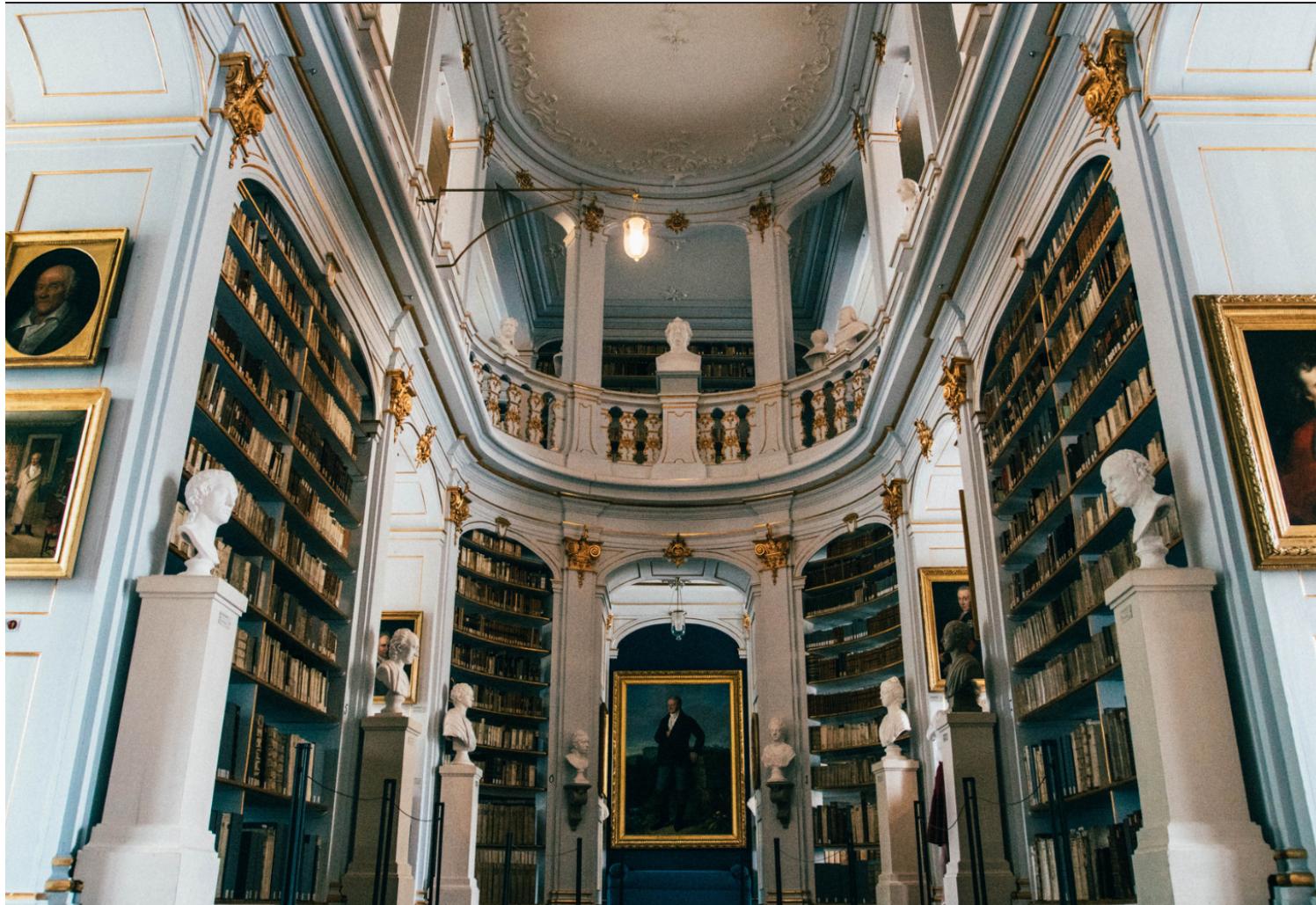


Figure 1: *Les Misérables*: coappearance weighted network of characters in the novel *Les Misérables*.

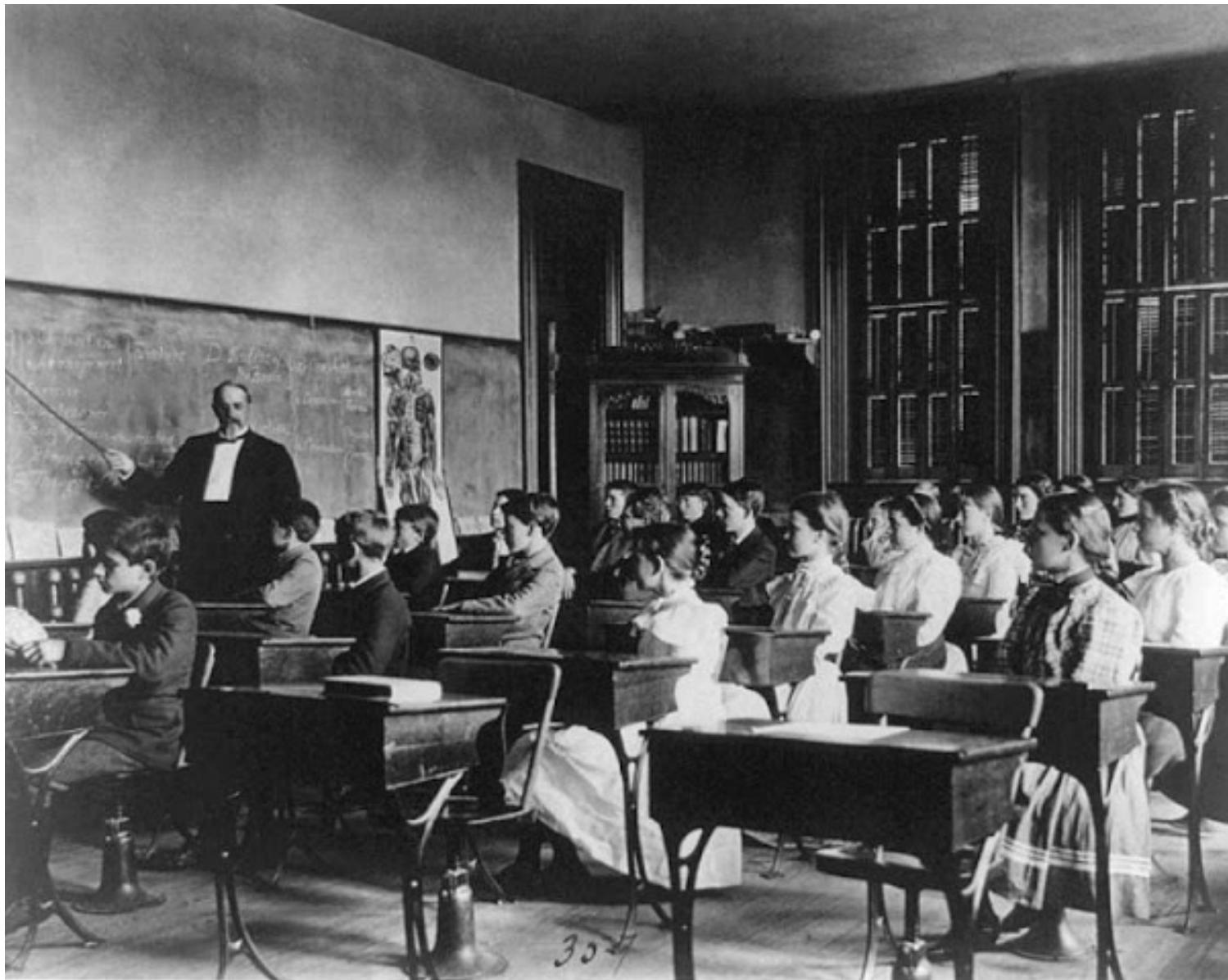
D. E. Knuth, *The Stanford GraphBase: A Platform for Combinatorial Computing*, Addison-Wesley, Reading, MA (1993).

Outside Academia

» Freelance illustrator and photographer



Classroom: old and new



Anything changed?

a mild example of E-learning: video and discussion forum

a more radical example: learning by doing

a new media: Instagram Story

New technogoly, old idea

flipped classroom