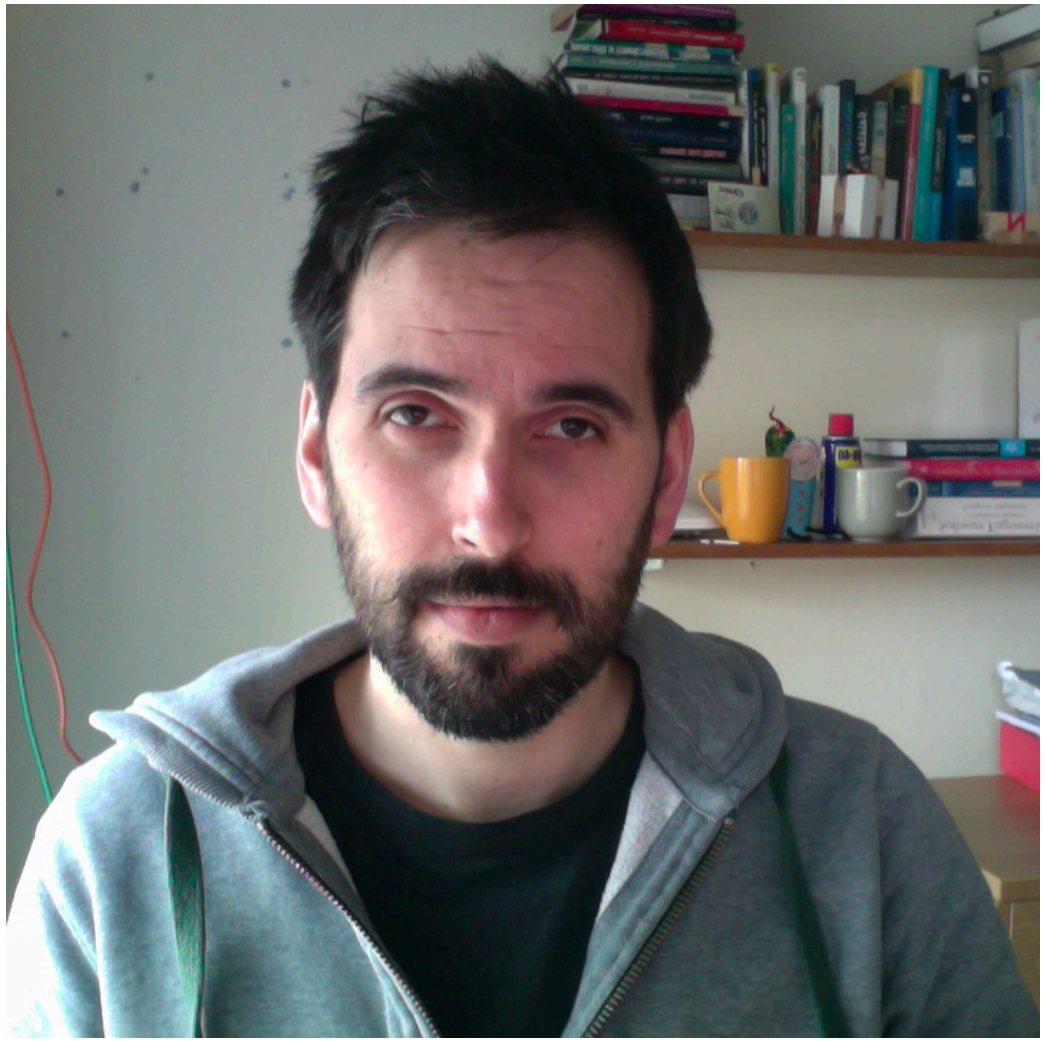
IN4MATX 295: Personal Informatics Class: Lived Informatics

Lucas Silva

Personal tracking as lived informatics [2014]

Authors

- John Rooksby
- Mattias Rost
- Alistair Morrison
- Matthew Chalmers



John Rooksby

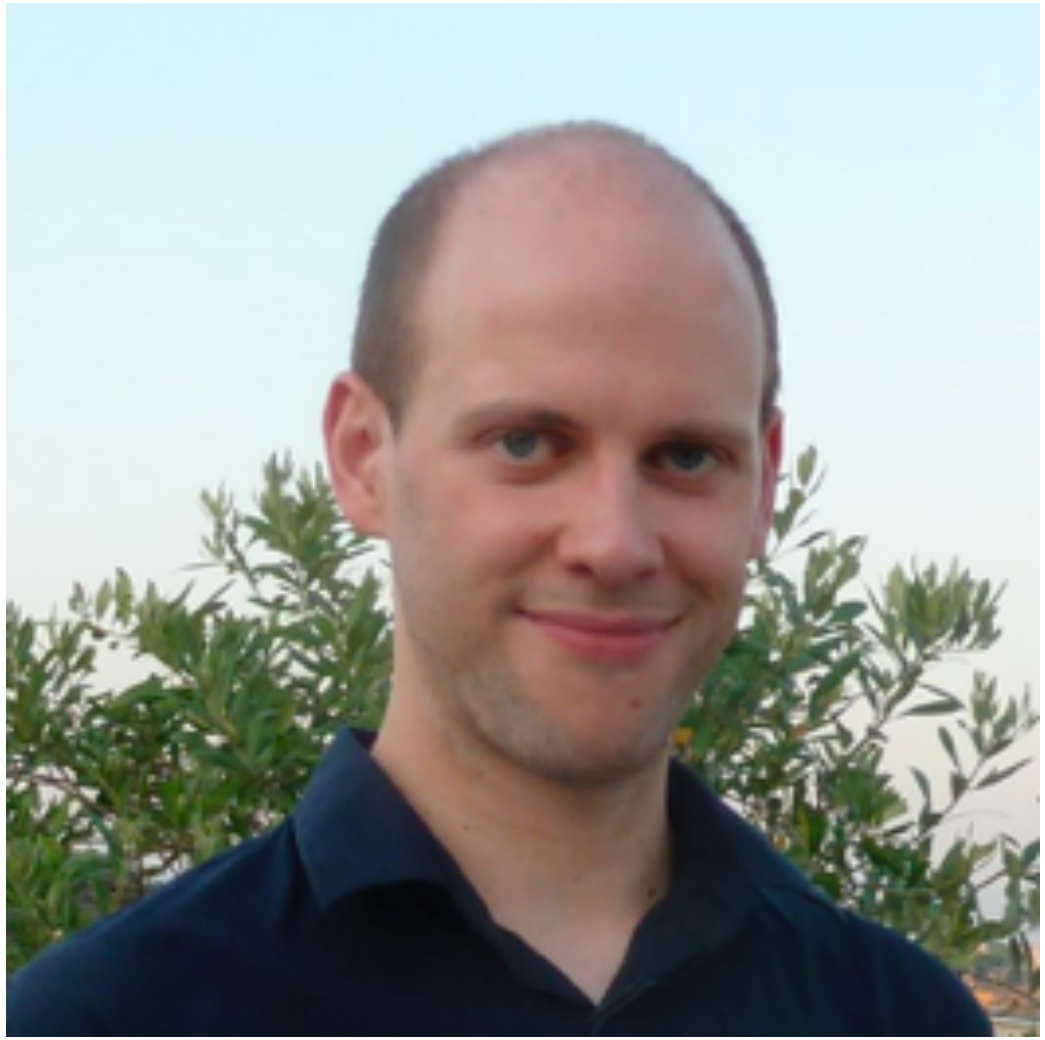
- Currently lecturer at Northumbria University
- PhD in Computer Science from the University of Manchester
- This is his most cited paper
- Mostly focus on mHealth research

http://johnrooksby.org/

https://rost.me/

Mattias Rost

- Currently senior lecturer at University of Gothenburg
- Research associate at Glosgow at the time of the paper
- Recently back in academia
- Interested in mobile technology and well-being



Alistair Morrison

- Lecturer at the University of Glasgow
- PhD also in Glasgow
- Research focus on mobile computing, information visualization and ‘mass participation‘ user trials

http://www.dcs.gla.ac.uk/~morrisaj/Home.html

https://matthewchalmersnet.wordpress.com/

Matthew Chalmers

- Professor at the University of Glasgow
- Supervised Altair Morrison in his PhD
- Research focuses on data visualization and analytics, data ethics and ethical systems design, and mobile and ubiquitous computing.

Past Related Literature

- Ian's stage-based model
- Barkhuus and Polichar [1]:

  "Users used phones in highly individual manners; mixed and adapted existing functions to meet their own priorities; added some functions and ignored others to create their own portfolio; and blended their use with the specifics of their everyday lives."

  "We saw Rogers' proactive user taking part in 'engaged living, where technology is designed to *enable* people to do what they want, need or never even considered before by acting in and upon the environment.' [35]"

[1] Barkhuus, L, Polichar, V. Empowerment through seamfulness: Smartphones in everyday life. Personal and Ubiquitous Computing (15)6, 2011: 629-639.

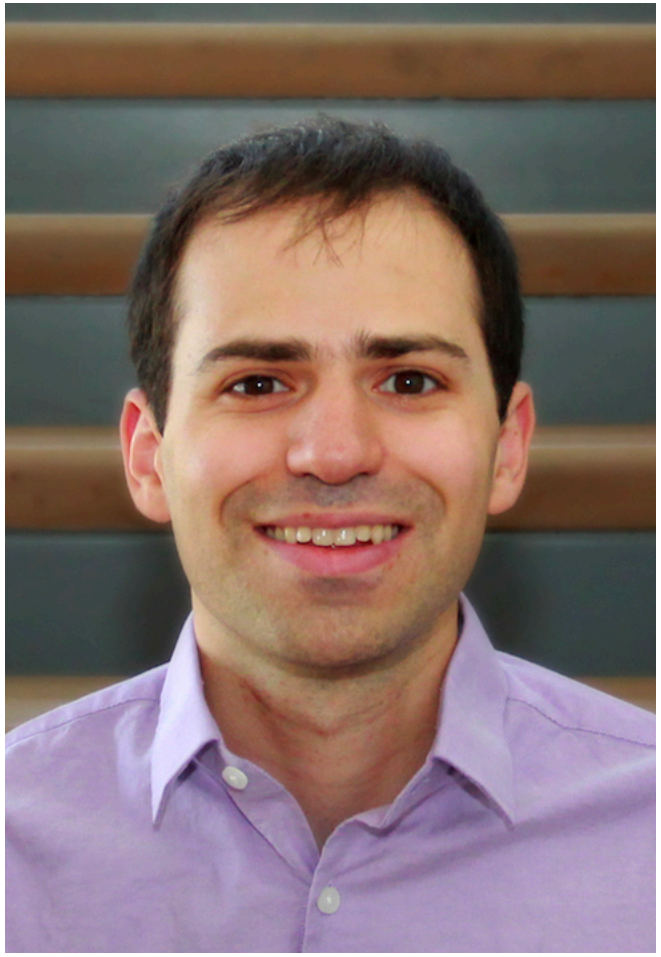
Influenced Work

- Influenced most personal informatics research, including:
  - Lived informatics model by Epstein et al.
  - "Abandonment of tracking" papers

A Lived Informatics Model of Personal Informatics

Authors

- Daniel Epstein
- An Ping
- James Fogarty
- Sean A. Munson



Daniel Epstein

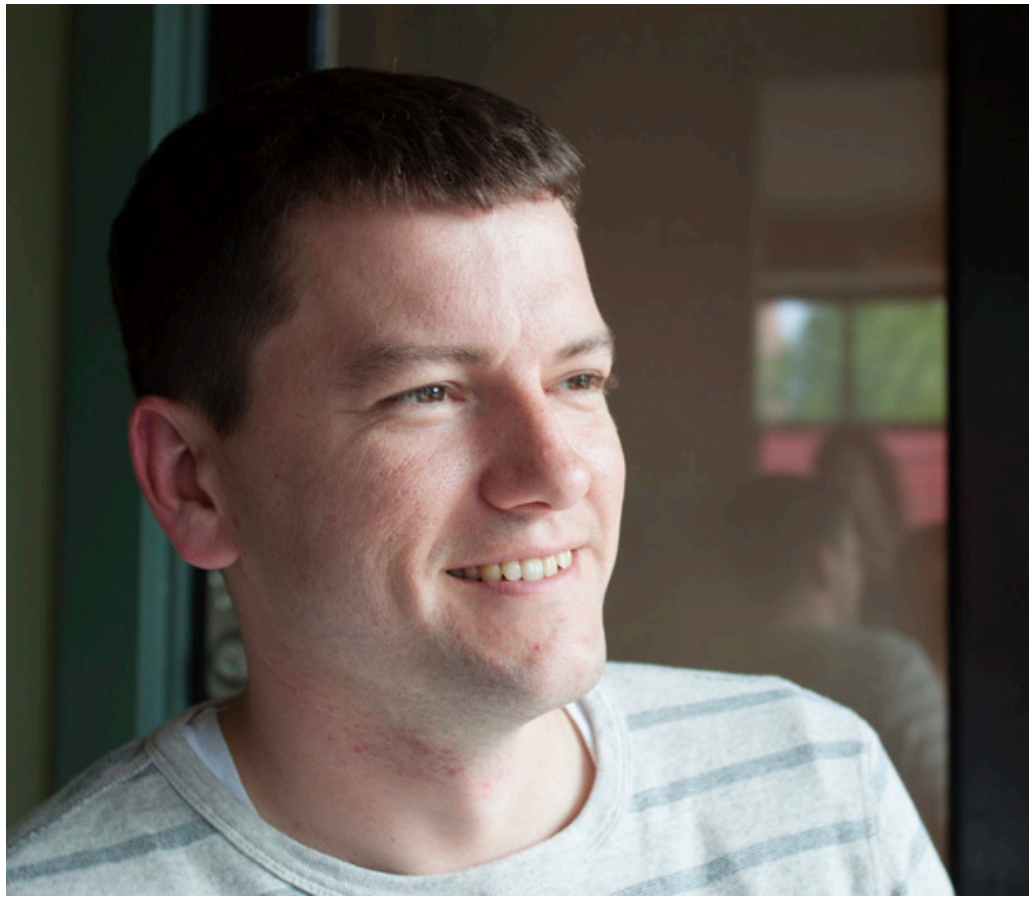
- Professor at UCI
- PhD from Univ. of Washington
- Research focus on personal tracking design

http://depstein.net/

An Ping

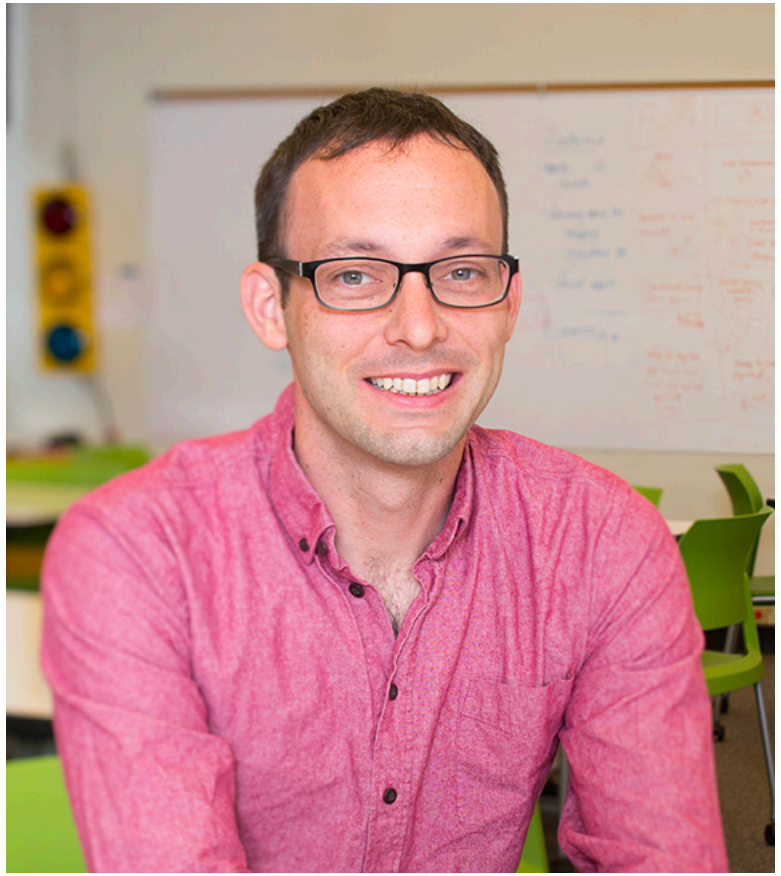
- UX designer at LinkedIn
- MS from University of Washington in 2015

https://www.linkedin.com/in/anping6/



James Fogarty

- Professor at UW (CS department)
- Focus on on developing, deploying, and evaluating new approaches to the human obstacles surrounding widespread everyday adoption of ubiquitous sensing and intelligent computing technologies.



Sean A. Munson

- Professor at UW (HCDE department)
- Director of the HCDE PhD program
- Research focus:
  - challenges of health, wellbeing, and exposure to diverse information.
  - Help people make sense of data about themselves and the world.

http://www.smunson.com/

Past Related Literature

- Ian et al.'s stage-based model
- Rooksby et al.'s lived informatics paper
- Cordeiro's paper on barriers and negative nudges [1]
  - Challenges in food journaling domain that might lead to abandonment
- Cho et al.'s paper understanding quantified-selfers
  - People often reflect while collecting data

[1] F. Cordeiro, D. Epstein, E. Thomaz, E. Bales, A. K. Jagannathan, G. D. Abowd, and J. Fogarty. Barriers and negative nudges: Exploring challenges in food journaling. In CHI, 2015
[2] Choe, E. K., Lee, N. B., Lee, B., Pratt, W., and Kientz, J. A. Understanding Quantified-Selfers' Practices in Collecting and Exploring Personal Data. CHI 2014, 1143--1152

Influenced Work

- Much of personal informatics research and design thereafter.

"A model is a simplification of some aspect of HCI, intended to make it easier for designers to predict and evaluate alternative designs." [1]

[1] Rogers, Y., 2012. HCI theory: classical, modern, and contemporary. Synth. Lect. Hum.-CenteredInform.5,1–129.http://dx.doi.org/10.2200/S00418ED1V01Y201205-HCI014.