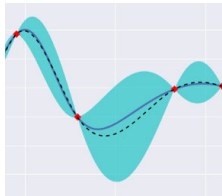


# R244: Large-Scale Data Processing and Optimisation

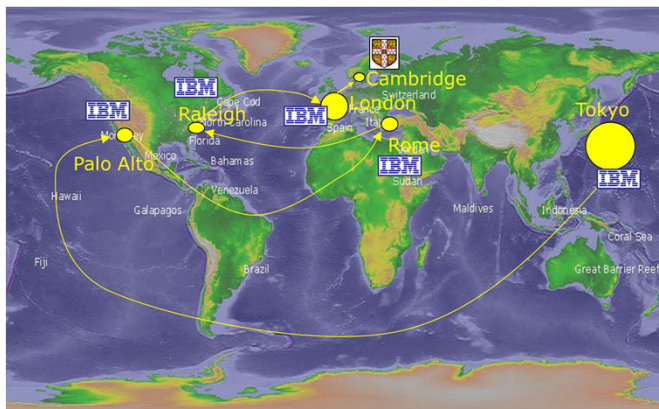
## Introduction



Eiko Yoneki

Systems Research Group  
University of Cambridge Computer Laboratory

## My Trajectory



## My Research Interests

- Spanning over Distributed Systems, Networking and Database
- Current Focus:
  - Optimisation of Computer Systems ([ML Compiler](#), Scheduling, DB, HW design...)
  - Exploiting Bayesian Methodology and Reinforcement Learning for Optimisation
- Side projects: Remote sensing + analysis in Cloud with African and South American countries
  - AIRBORNET: Data-Driven Modelling for her Airborne Diseases (Tanzania)
  - BUGALERT: Pest and Disease Monitoring with Raspberry-Pi Network (Kenya, Brazil)
  - ROOTGROW: Root image analysis on selection of sustainable species (Ethiopia)

MPhil project Suggestions:

[http://www.cl.cam.ac.uk/~ey204/teaching/Projects/2024\\_2025](http://www.cl.cam.ac.uk/~ey204/teaching/Projects/2024_2025)

3

## Introduce Yourself

- Now tell about yourself
  1. Your name and where and what you studied before
  2. What is your research interests (topics): a few words  
What kind of project you are currently thinking to do?
  3. Why are you interested in R244?

MPhil	oea27	Oluwatimilehin	Adeniran
MPhil	aa2650	Andres	Alvarez Olmo
Part III	jkb55	Jakub	Bachurski
Part III	lc869	Luca	Choteborsky
MPhil	edjg2	Edmund	Goodman
MPhil	ak2599	Andrew	Krapivin
Part III	hxl23	Mark	Li
MPhil	gm799	Gabriel	Mahler
MPhil	sn666	Sidharrth	Nagappan
MPhil	ams345	Aryan	Shah
MPhil	hs899	Hetong	Shen
MPhil	as3623	Andrzej	Szablewski
MPhil	at2124	Asbjørn	Thede Lorenzen
MPhil	ct678	Chris	Tomy
Part III	wz337	Andy	Zhou

4