Outreach at KICC

Matt Bothwell
Kavli outreach officer

Kavli outreach officer

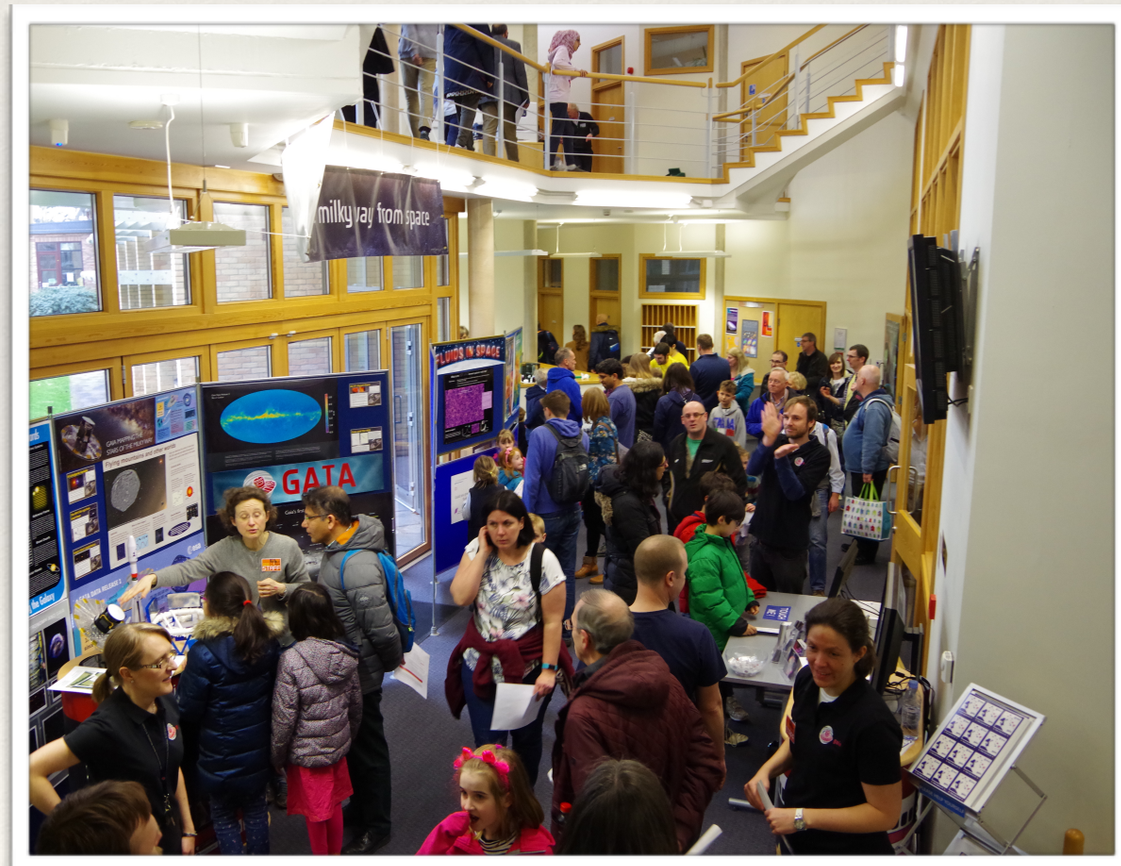
- In post since October 2018
- 4 year position
- 50% of full time (shared with IoA)

Cambridge Science Festival

- Open day at KICC — Kavli researchers interact directly with public to share their research
- Very popular event — typically ~1200-1500 visitors during the day

S IN SPACE
STFC

Hidden Monsters: Supermassive
Black Holes Lurking in the Dust
Manda Banerji


milkyway from space
FLUIDS IN SPACE
GATA

Cambridge LaunchPad

- KICC is also a partner of Cambridge LaunchPad
- Host visiting schools for workshops designed around Kavli research themes
- Program designed to inspire young people, and address the significant gender gap which exists in STEM employment

Be part of
something

LAUNCHPAD
LAUNCHPAD

Working with local schools

- We work intensively with local schools (>70 visits during 2018-19 academic year, >2000 pupils reached)
- This involves both school groups visiting our department, and the Kavli outreach officer visiting classrooms to provide astronomy teaching sessions

Project ‘AstroEast’

Extending outreach across East Anglia

Project ‘AstroEast’

- Flagship Kavli-funded project to extend outreach efforts across East of UK
- Areas close to Cambridge show the deepest deprivation in education, skills and training

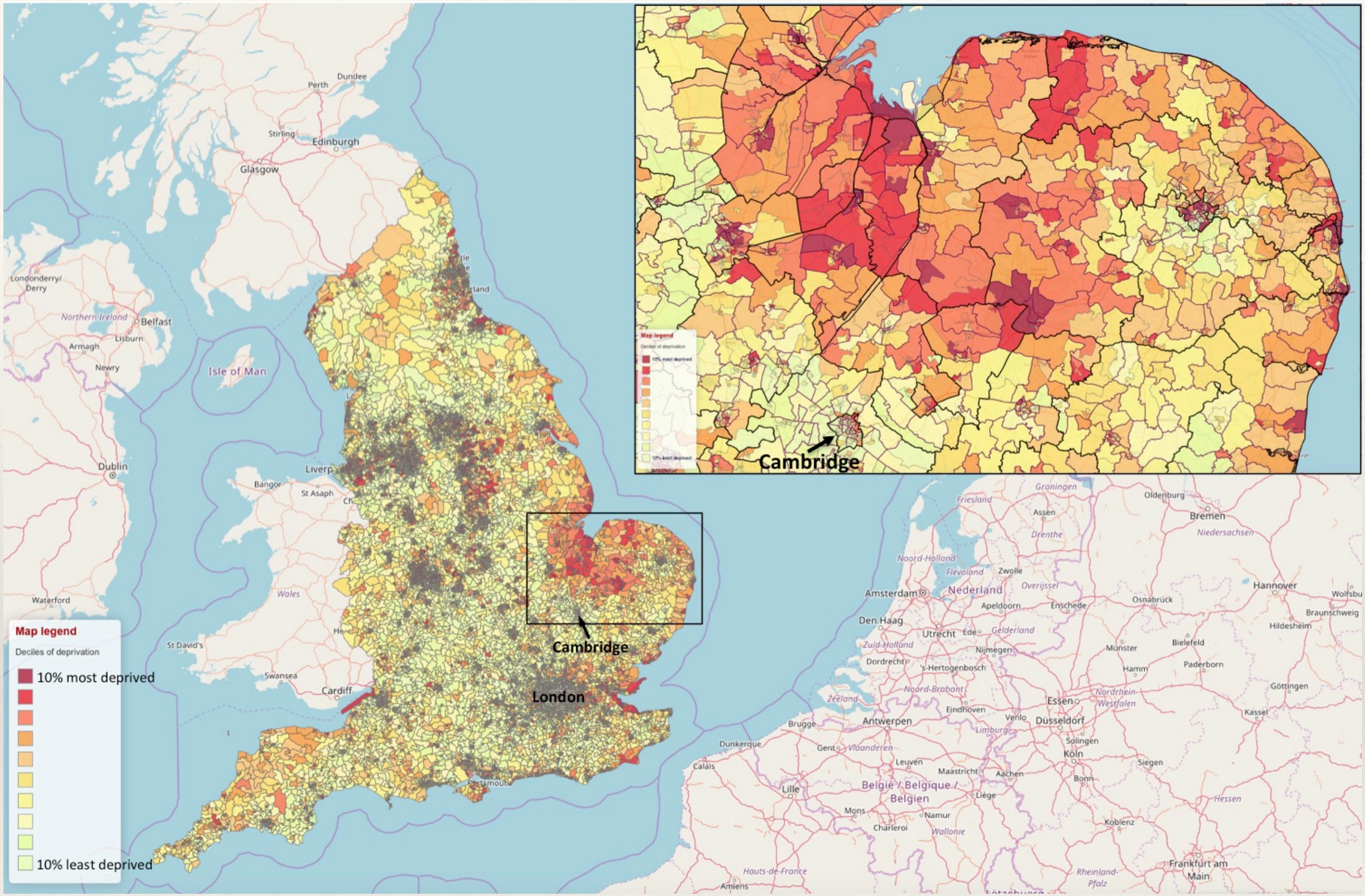
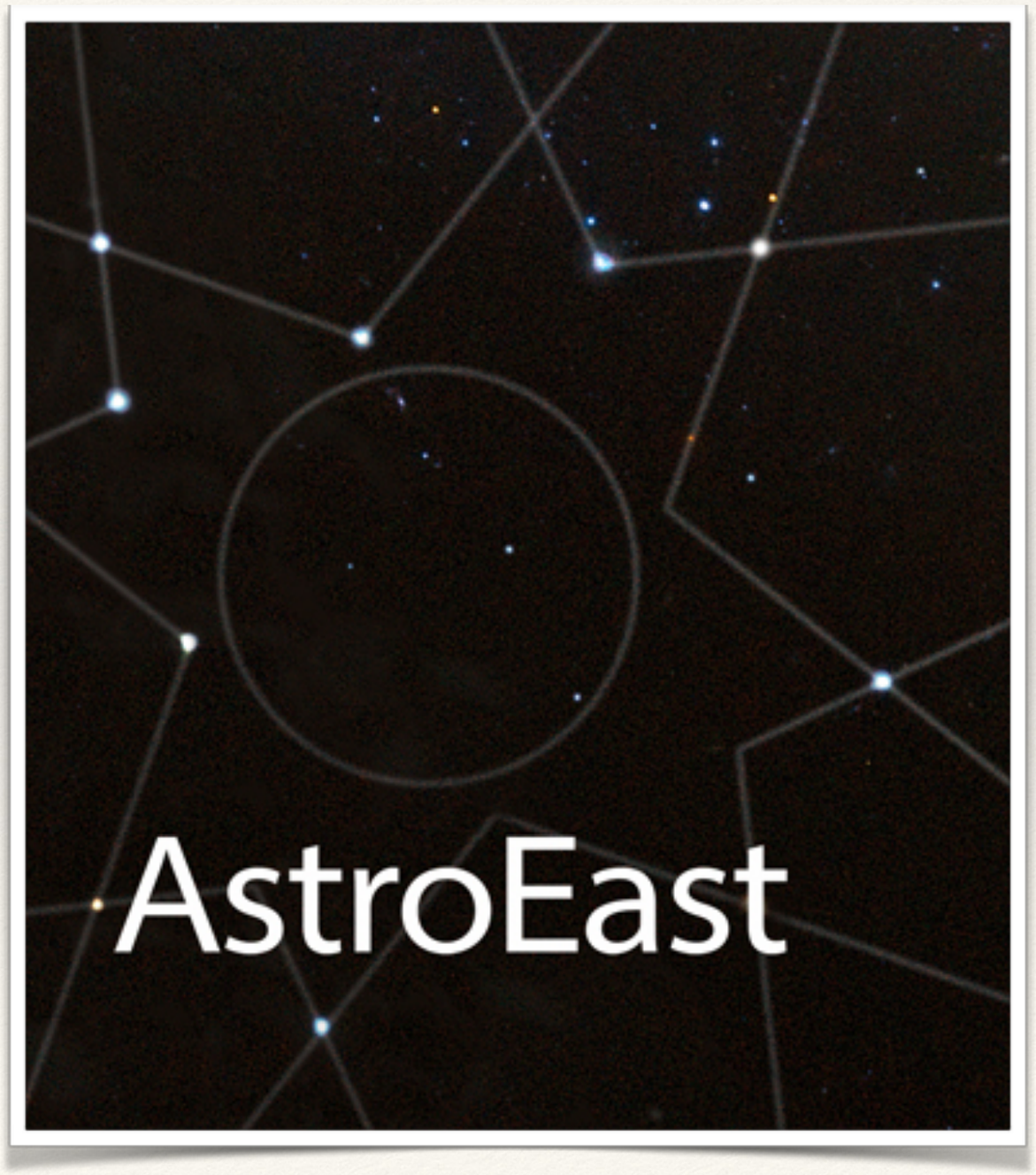


Fig.1. *Distribution of the educational deprivation in the UK (the reddest are the most deprived areas). The inset shows a zoom around an area north of Cambridge, known as the "Fens", which is the largest area of deepest deprivation in the UK in terms education, skills and training, but also over a wider range of parameters (e.g., income, employment, impact on children, etc.). Source: Ministry of Housing, Communities and Local Government (http://dclgapps.communities.gov.uk/imd/idmap.html).*

AstroEast

- Outreach initiative to systematically target schools across the fens, working with children making decisions about further study
- Using astronomy outreach as a positive agent for societal transformation



AstroEast
Kavli Institute for Cosmology, Cambridge
KICC

AstroEast
Image Credit: NASA, ESA, and the Hubble Heritage Team (STScI/AURA)-ESA/Hubble Collaboration
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What
Stuck
Warning
Radioactive Materials in use
RADIOACTIVE MATERIALS
No unauthorised entry
Chantry Academy

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