



Hannah Fry

AUTHOR · FUTURIST · MEDIA PERSONALITY · TED SPEAKER

Mathematician & broadcaster

About:

- **Gender:** Female
- **Languages:** English
- **Travels from:** United Kingdom

Engagement Types:

- After Dinner Engagement
- Speaking

Topics:

- AI Ethics
- Artificial Intelligence & Machine Learning
- Future of Work
- Innovation & Digital Transformation
- Leadership & Management
- Technology & AI

Biography Highlights

- Hannah Fry is a mathematician and broadcaster. She is a lecturer in the Mathematics of Cities at the Centre for Advanced Spatial Analysis at University College London.

Biography

Hannah Fry's background

As well as her university work she is a regular presenter of science and maths programmes on BBC TV and radio.

Having specialised in fluid dynamics, Hannah worked briefly in Formula 1 aerodynamics before returning to academia. At UCL she works with physicists, mathematicians, computer scientists, architects and geographers to study the patterns in human behaviour – particularly in urban environments – to answer questions from shopping habits to transport to riots. Beyond life in a city, she also considers the maths of the everyday; how numbers and formula can explain behaviours, predict patterns and reveal the truth behind commonly held myths.

Hannah takes unusual examples of how data and models are used in everything from locating serial killers, the analysis of fertility in cows, and predicting malarial water sources. She uses these illustrations to examine

how data is collected, used, how reliable it is and what its limitations are. Beyond the abstract, she also considers customer data and how companies like Airbnb and Uber use in their data. She also reveals the difference between a nerd and a geek.

As well as all aspects of data, Hannah looks at how artificial intelligence is finding new ways to use it. She reveals how AI is being applied in areas as sensitive as criminal sentencing and whilst not perfect it still outperforms humans in delivering unbiased decision-making. She considers the controversies, ethical considerations, and the scare-stories, as she does in her book *Hello World: How to be Human in the Age of the Machine*.

Hannah's TED speech and book *The Mathematics of Love* reveals the stats behind romance from when to compromise to the odds on finding love, and it lasting. She returned to the idea with the BBC Horizon episode *How to Find Love Online*.

On television, Hannah has explored *Climate Change By Numbers*, recounted the story of computing pioneer Ada Lovelace in *Calculating Ada: The Countess of Computing*, and looked at how a million people at any point in time are travelling by plane in *City in the Sky*. She also co-hosted BBC Four's *Trainspotting Live* and *The Joy of Data*. On radio, she's appeared on *Computing Britain*, *Can Maths Combat Terrorism*, on the Radio 1 show *Music by Numbers*, and co-hosts (with geneticist Adam Rutherford) Radio 4's *The Curious Cases of Rutherford and Fry*.

Videos





Hannah's Topics

Is Life Really that Complex?

Available: Virtually

The Mathematics of Love

Available: Virtually

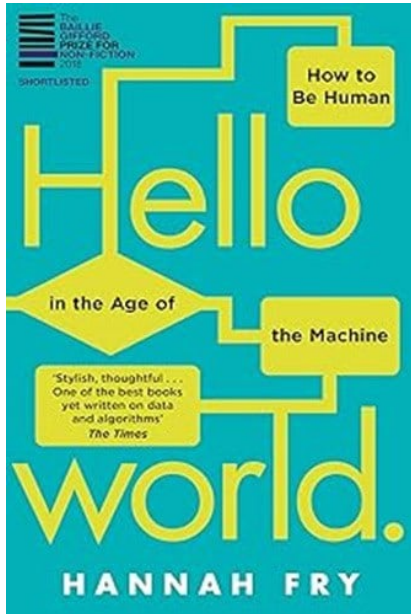
Testimonials

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Fantastic and so relevant for the people attending! Really good presentation and lively Q&A.

The Data Lab

Books



Hello World: How to be Human in the Age of the Machine

You are accused of a crime. Who would you rather determined your fate – a human or an algorithm? An algorithm is more consistent and less prone to error of judgement. Yet a human can look you in the eye before passing sentence. Welcome to the age of the algorithm, the story of a not-too-distant future where machines rule supreme, making important decisions – in healthcare, transport, finance, security, what we watch, where we go even who we send to prison. So how much should we rely on them? What kind of future do we want? Hannah Fry takes us on a tour of the good, the bad and the downright ugly of the algorithms that surround us. In Hello World she lifts the lid on their inner workings, demonstrates their power, exposes their limitations, and examines whether they really are an improvement on the humans they are replacing.

[BUY THE BOOK](#)

Speaker Bureaus And Talent Agencies

Hannah Fry is available to book via these agencies

✓ Recommended



Management Company

Agent: Sophieclaire Armitage



Speaking Agency