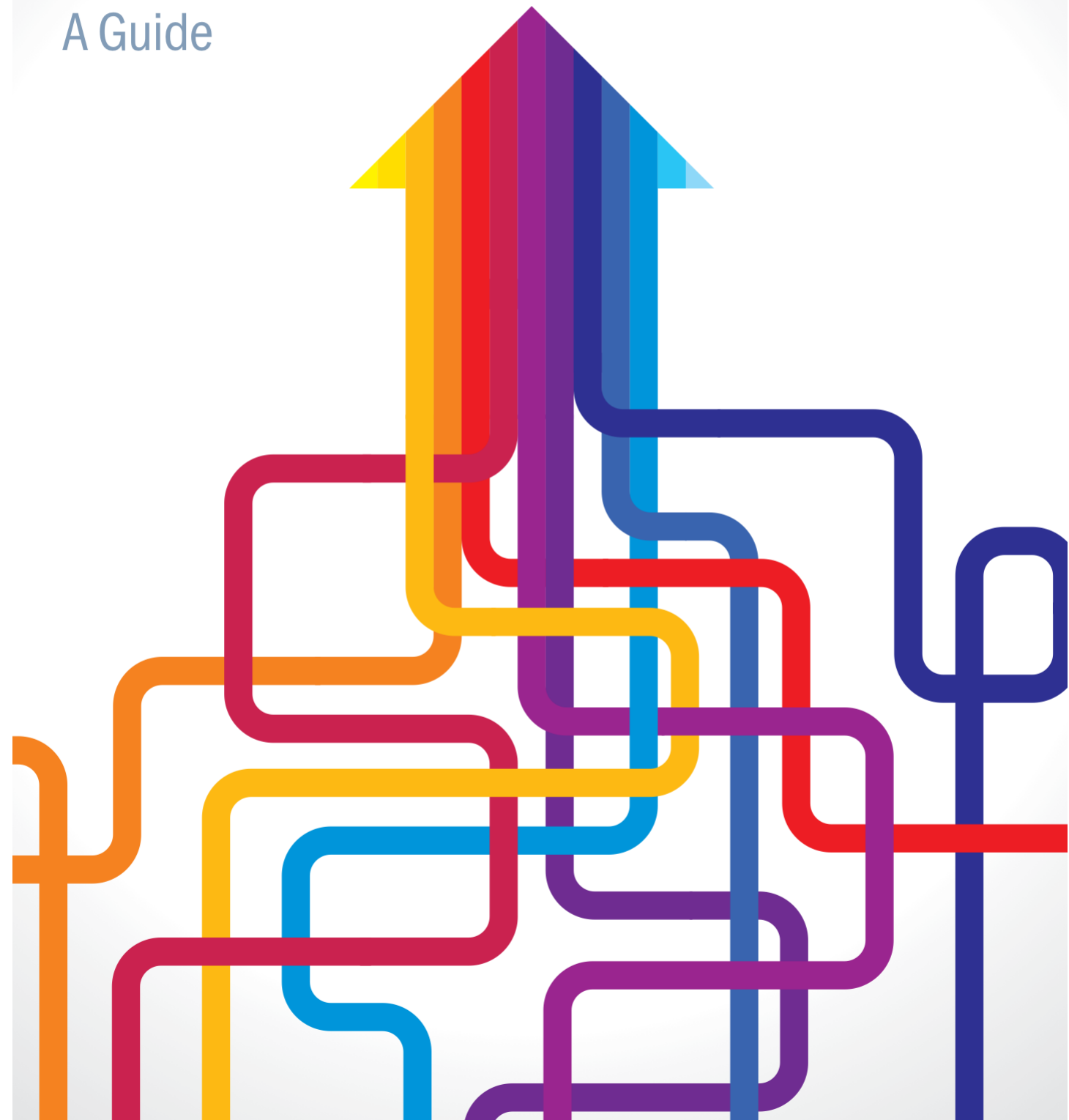


Welcome to
the launch of

Hashtag today
#IOPFundingGuide

Navigating the Funding Landscape

A Guide



IOP

Institute of Physics

Navigating the Funding Landscape

Dr Sara Shinton

www.shintonconsulting.com



Resources

All links are on the web....

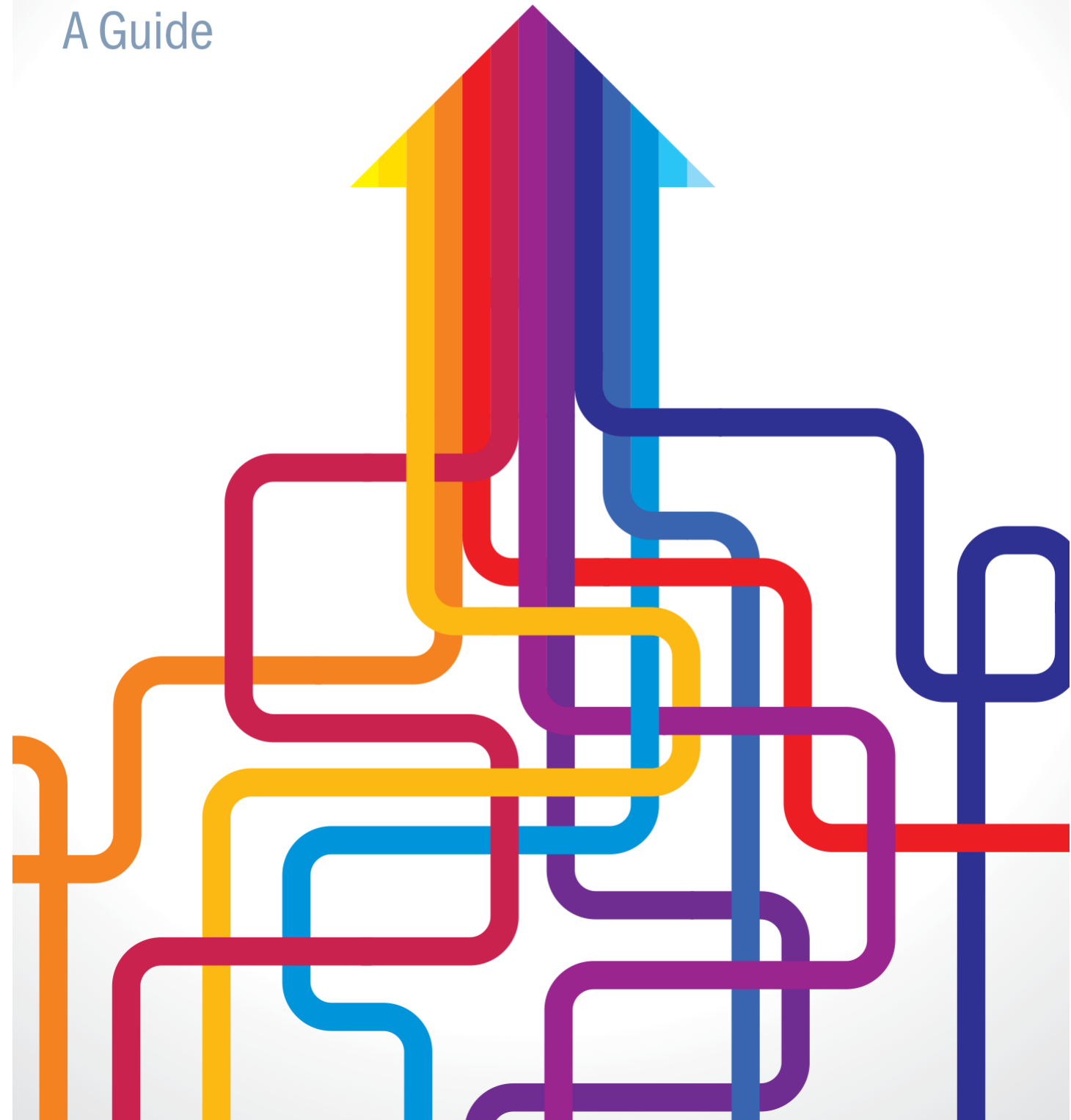
www.shintonconsulting.com/physics

Slides to follow

The guide

Navigating the Funding Landscape

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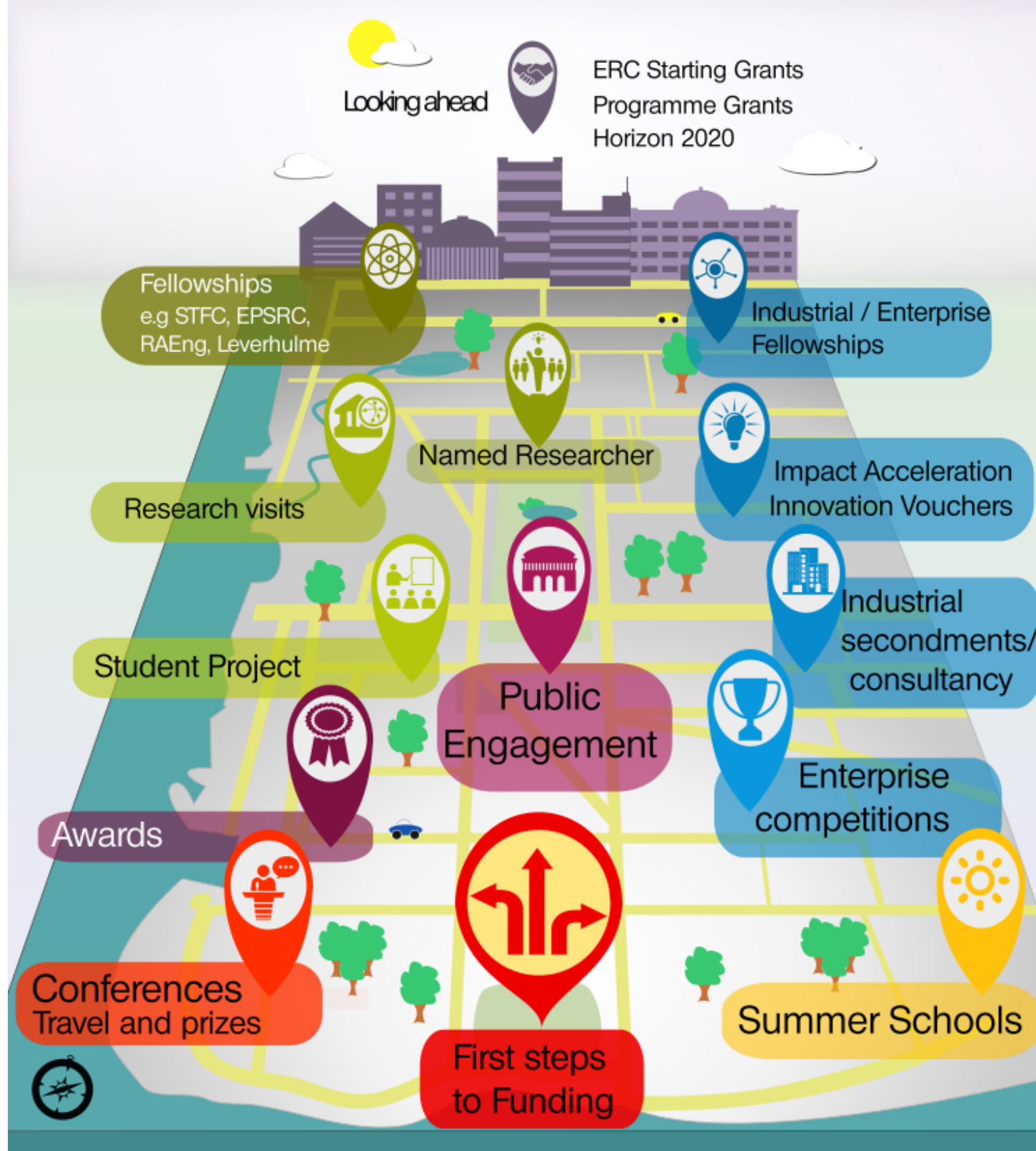




- List of suggested funding/research themed streams to follow on the website
- Hashtag today #IOPFundingGuide

Why?

- Funding landscape is complex
- Best advice is in experts' heads (but this can aggravate unconscious bias)
- Competition for academic posts fierce, funding will help



Major Funding Bodies

Research Councils
Universities
Charities & Trusts
Industry



Professional Bodies
and Societies
Government
Departments

Illustration by
Miriam Gilbert
@MiriamRGilbert

How?

- Wrote the guide to "model" an approach for early career researchers
- Used the mechanisms and information available to you
- At times bewildering and confusing, but it does become clear!

How?

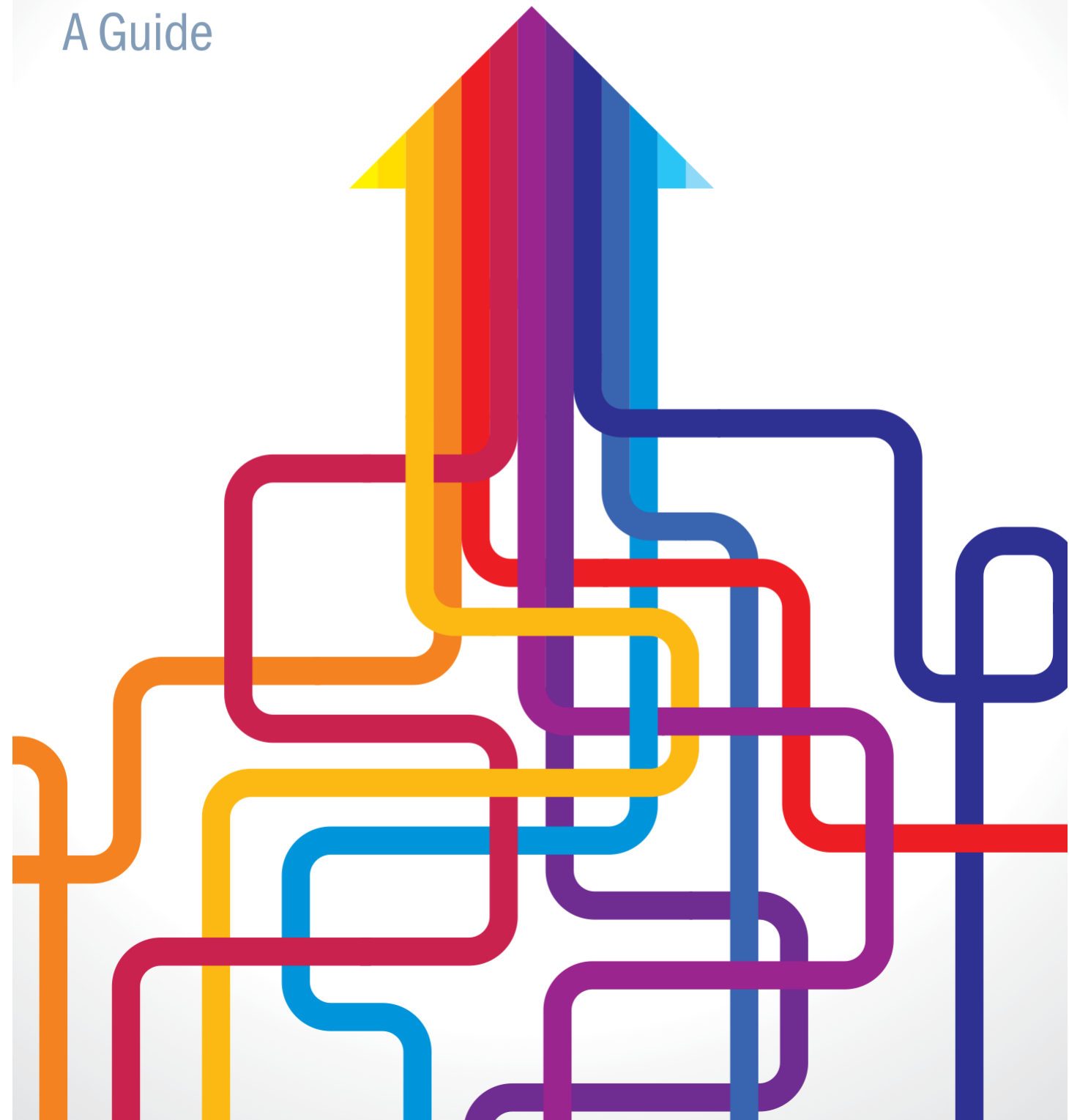
- Networking
- Build your own "Senior Common Room" (I use Twitter)
- Understand the "DNA" of your funder
 - Look at their websites and publications
 - Look at funded research
 - Help to understand culture, ethos and opportunities

What?

- Key information in one place
- Mentoring conversations
- Advice from funders, applicants and reviewers
- Stepping stone approach

Navigating the Funding Landscape

A Guide



Who?

A live version of the guide

- Funders
- Researchers
- Reviewers and Panel members

PLEASE NETWORK!

- **Andrew Le Masurier, STFC**
- **James Dracott, EPSRC**
- **Dr Anne Pawsey**
- **Dr Stuart Mangles**
- **Professor Cait MacPhee**
- **Dr Sally Day**

Who funds Physics?

Key funders by type

Government

RCUK

Individual departments

Partnership initiatives

Horizon 2020, MSCA, ERC

Commercial

Diverse industrial base

International relevance

Charity and trust

Royal Society

Leverhulme

Key funding by theme

Individual development

Workshops
Conferences
Secondments
Travel and visits
Fellowships

Early career researcher

Research funding

Projects and programmes
Fellowships

Established researcher

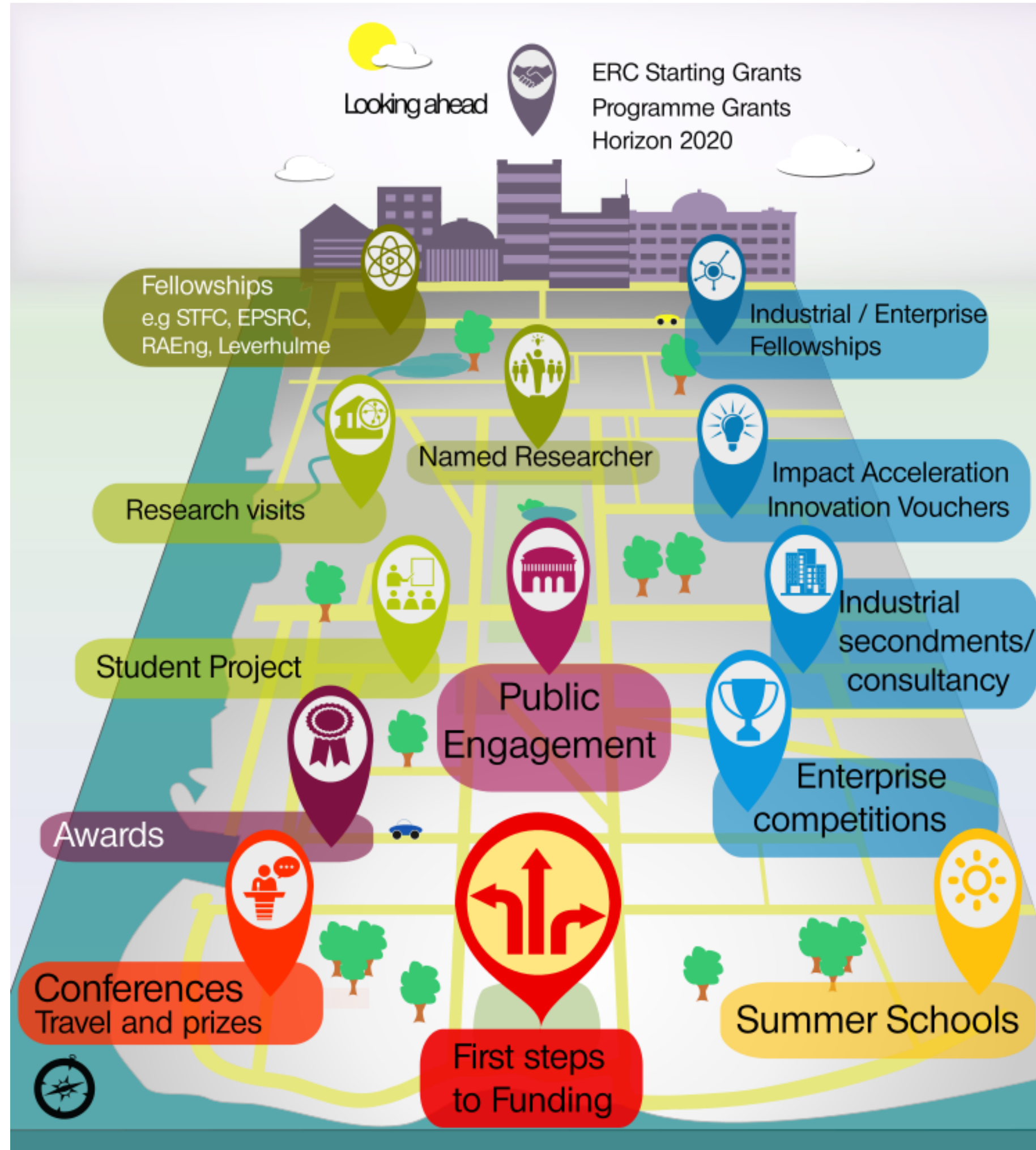
Challenge-led

Grand Challenges
Societal Challenges
Industrial collaboration

Research Leaders

Early career researcher





Culture and mission

Government

Development of science base
Skills shortages/opportunities
Economic or societal benefits

Commercial

Solving problems with different approaches
Focus on market and profit

Charity and trust

Societal
Filling gaps
Often individual focus

Digging deeper



Write and SHARE

Applications & reviews

Experienced applicants

**Websites, publications,
funding trends**

Talk to funders

Go to their events

Email programme managers

Fellowship interviews

The ethos of fellowships

Person



Project



Time



Place



Internal Review and Selection

External Review and Response



Panel interview and presentation

What do they want to see and hear?

What are
your key
messages
and
convincing
arguments?

Questions...

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**Navigating the
Funding Landscape**
A Guide



Person

- Why do you deserve this fellowship?
- What impact have you had in your professional community?
- If successful, what would the fellowship enable you to do? (this is a chance to talk about your career objectives)
- Whose work has influenced your research interests?
- Where do you hope to be in 10 years time?
- Tell me about your approach to managing research projects.

Project

- What is the importance of this project?
- Why does your approach to this problem deserve this award?
- Convince me that your project is feasible
- If you could only do one experiment or study, which is key?
- What will you do if your hypothesis is proved wrong?
- What would the ideal outcome of this project be?
- Who are your main competitors? Can you compete with them?

Place

- Why have you chosen that department for your fellowship?
- How will you complement the existing departmental strengths?
- What value will you add to the department and institution?
- If you are staying in the same place:
 - Why are you staying in department X to do this project?
 - How will you ensure your independence?

Time

Who else is active in this field & how does your work differ?

What are the risks of not funding you immediately?

Navigating the Funding Landscape

A Guide

