What webinar content are you most interested in?

1st — Academic speakers
2nd — Industry speakers
3rd — Panel Discussions
4th — Interviews with community members
5th — Q&As

8 👍   79 👤
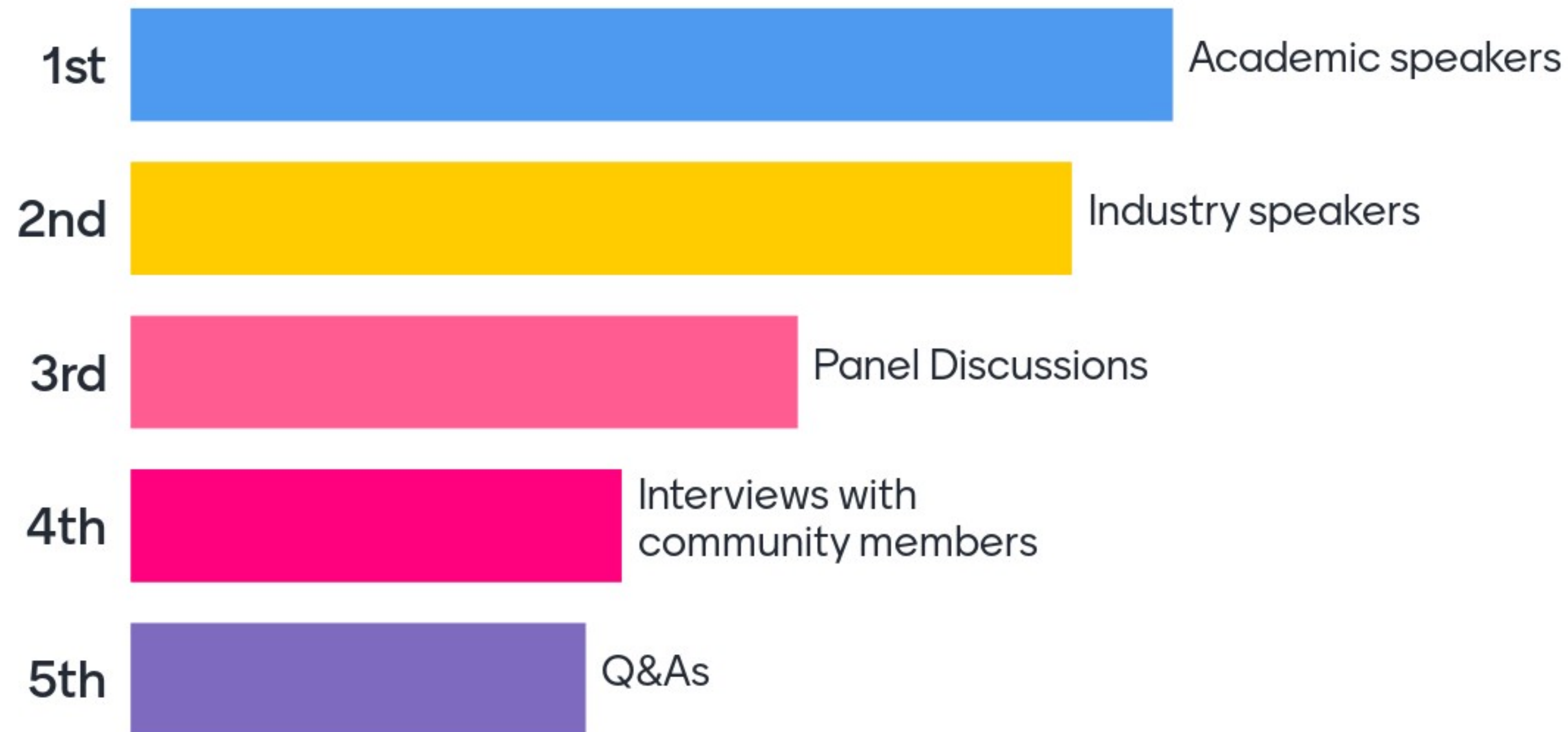
When would be the best time of year to run our annual conference?

Q1 Jan-Mar	Q2 Apr-Jun	Q3 Jul-Sep	Q4 Oct-Dec
36	25	13	5

7

79
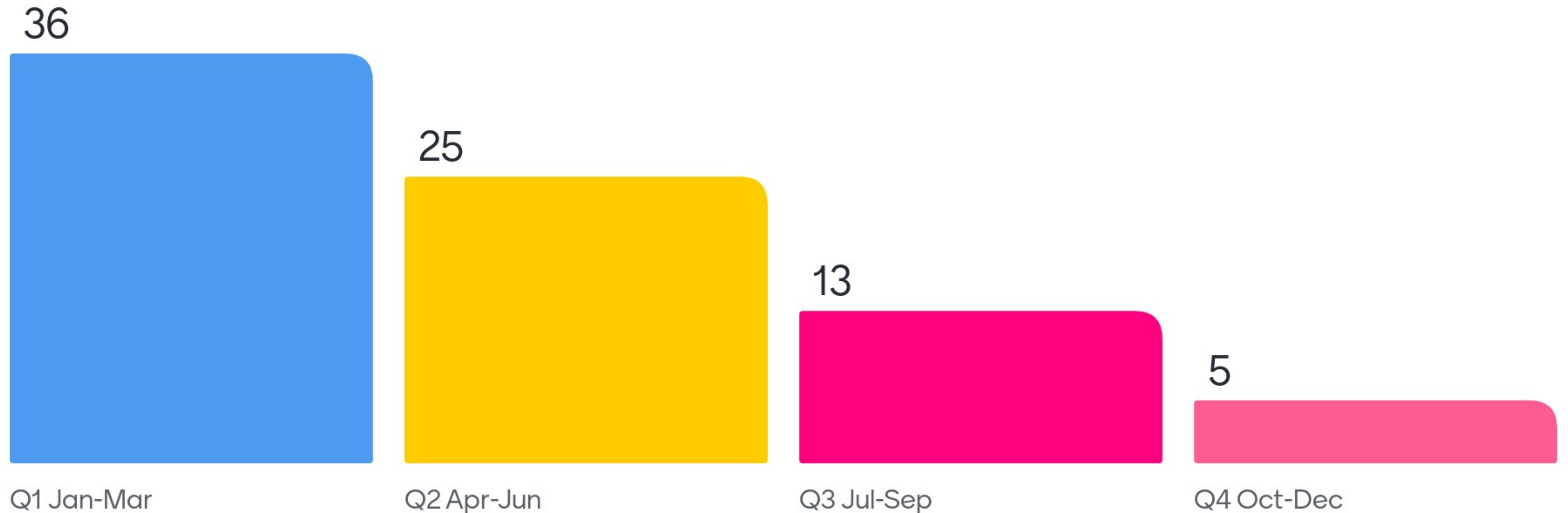
When would be the best time of year to run our larger funding calls?

		37	
13	11		6
Q1 Jan-Mar	Q2 Apr-Jun	Q3 Jul-Sep	Q4 Oct-Dec

7 67
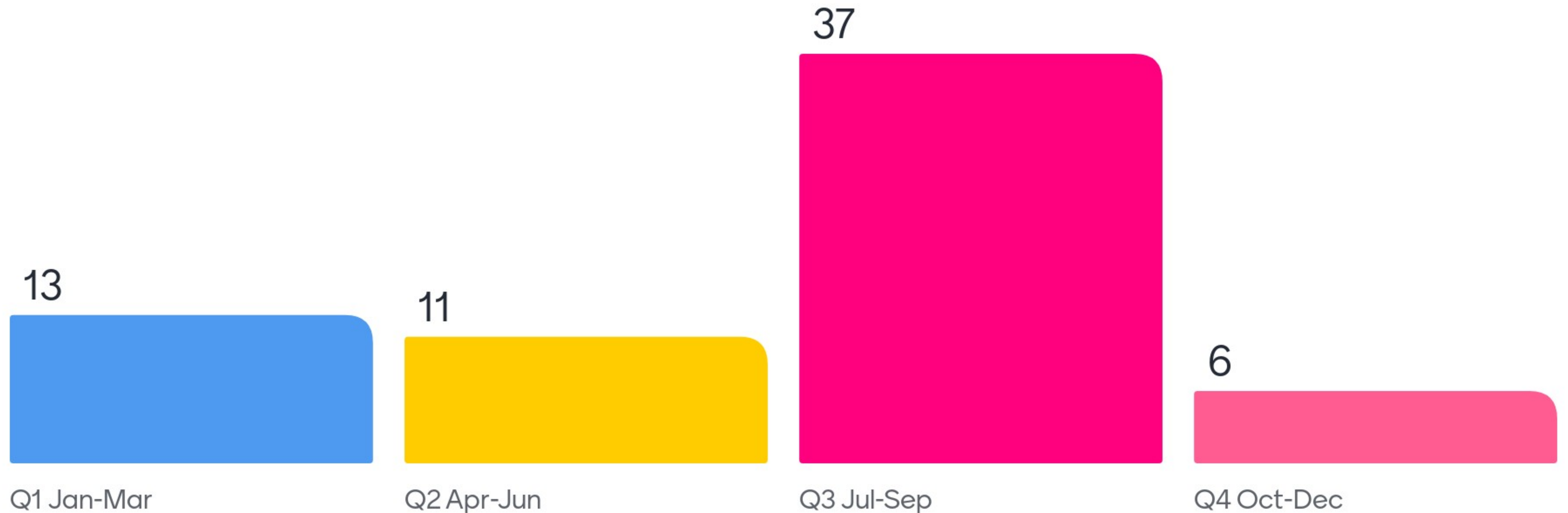
Which topics do you think we should cover in our workshops?

223 responses

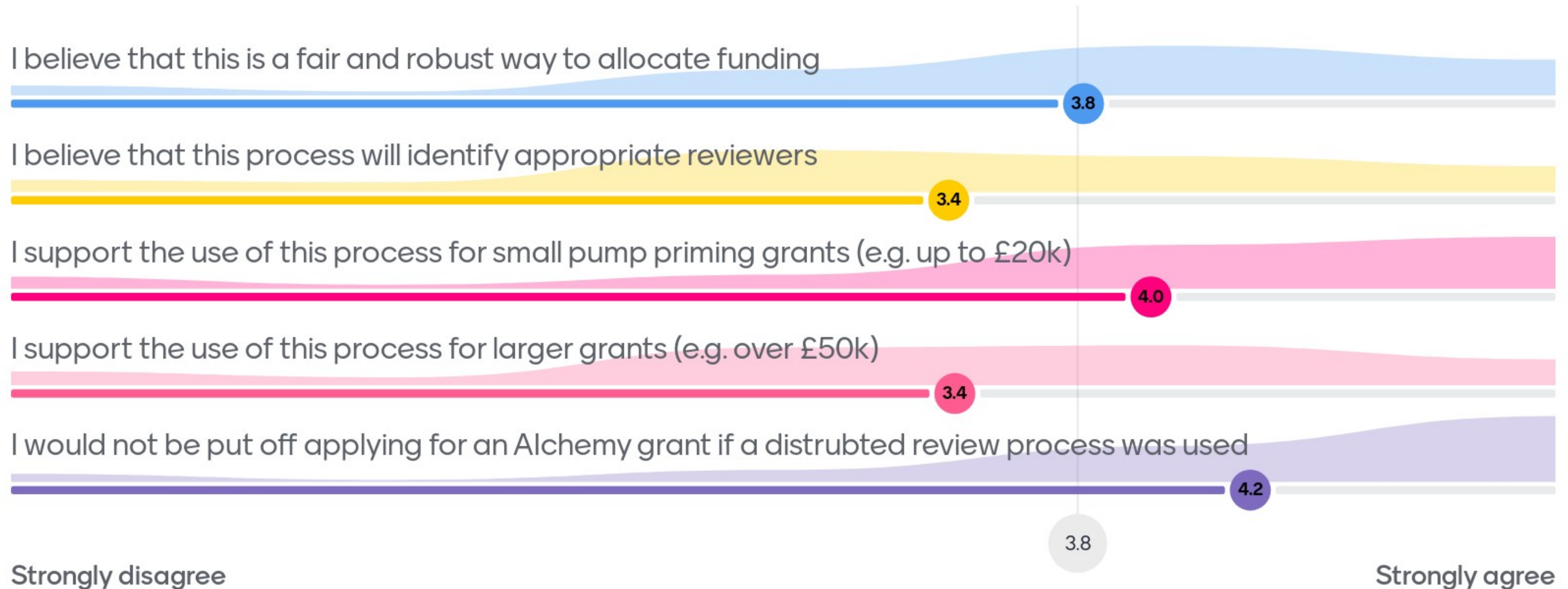# What are your views on the use of a distributed peer review process?

I believe that this is a fair and robust way to allocate funding
3.8

I believe that this process will identify appropriate reviewers
3.4

I support the use of this process for small pump priming grants (e.g. up to £20k)
4.0

I support the use of this process for larger grants (e.g. over £50k)
3.4

I would not be put off applying for an Alchemy grant if a distrubted review process was used
4.2

3.8

Strongly disagree   Strongly agree

4   63

What could the Hub do going forward that would be most beneficial to you? How would you like to engage with the Hub?

Training for industry

Cooperations

training courses

Training

Help set up collaborative research

Connection to industrial partners

summer internships

Training courses

2

52

What could the Hub do going forward that would be most beneficial to you? How would you like to engage with the Hub?

Open engagement with researchers not in the hub	Connections with industry	Collaborations	training for students.
Developing new ML/AI tools for industry	Collaborations	Opportunities for PAID consultancy/ projects	Database

2 👍   52 👤

What could the Hub do going forward that would be most beneficial to you? How would you like to engage with the Hub?

Workshops to help identify relevant topics and useful research areas	Training	Coding training	new collaboration meet-ups
enabling sharing of code and data	training courses	Cross-institution collaborations	open source data

2 👍 52 👤

What could the Hub do going forward that would be most beneficial to you? How would you like to engage with the Hub?

A source for open, permissively licensed datasets

best practises ---> leading to standardisation of processes

Training for industry

Data creation and sharing

Updates on industry engagement opportunities

Opportunities to collaborate in big, internationally leading cross-sector projects

workshops and training

Newcomer to AI so training

2 👍 52 👤

What could the Hub do going forward that would be most beneficial to you? How would you like to engage with the Hub?

training for industry	AI training	Understand the pitfalls of AI and develop foundations	Case studiesGood Software packagesAccess to data
training for students	Developing best practice	Best practises	Show clear benefit of Hub vs individual academic or institute

2 👍 52 👤

What could the Hub do going forward that would be most beneficial to you? How would you like to engage with the Hub?

share details of academics involved in the hub, areas of expertise and current projects to help with industrial links

matchmaking/networking events

Website with list of upcoming events/opportunities

Example workflows

establishing community-led benchmarks

AI tools

Accelerate adoption of AI/ML and automation for soft matter and complex fluid systems

engagement with experts in the frontiers of AI

2

52

What could the Hub do going forward that would be most beneficial to you? How would you like to engage with the Hub?

Collaborations with AI experts.

validation and verification of AI algorithms

Case studies 12 months from now

collaborations

Training courses with small project

Brokerage links between academia and industry

workshops, networking events

collaborations

2

52

What could the Hub do going forward that would be most beneficial to you? How would you like to engage with the Hub?

Standardisation and best practice

Job

Access to experimental facilities

Funding opportunities for moving to independent research

coordinate grant applications for further funding

Working with people I haven't worked with before

opportunity to engage with experimentalists trying to use AI

Agile response to new developments

2

52

What could the Hub do going forward that would be most beneficial to you? How would you like to engage with the Hub?

Open source data (sharing materials science data to improve training of existing models and extend them to larger systems)

events to co-create research questions

Access to automated characterisation

usability of AI tools for different domain expertsuser vs developer

Assistance for successful approaches to translate AI solutions into an industrial setting.

To understand clearly how to use AI for scaling computational chemistry outputs to usable materials in industrial applications

Accessible network of researchers and know who has expertise in which equipment

coding training

2

52

What could the Hub do going forward that would be most beneficial to you? How would you like to engage with the Hub?

Infrastructure

Training in data handling, storage, and utilisation.

Open datasets

ensuring responsible use of AI in chemistry

Build and host a library of examples / tutorials

Involving the v forefront of industry AI

Development of new collaborations

alignment with other international Hubs in the future

2

52

What could the Hub do going forward that would be most beneficial to you? How would you like to engage with the Hub?

lobbying funders to ensure we have the necessary hardware

Build links between experimentalists and AI researchers

Global networking opportunities and showcasing state of the art

Non-dilutive funding for Alchemy start-ups

How coding is implemented in automation

Access to large exit datasets - they are v rare!!

Support for PDRA willing to transition to PI

develop good practice for responsible innovation

2

52

What could the Hub do going forward that would be most beneficial to you? How would you like to engage with the Hub?

Knowledge sharing opportunities

creation of new job-specs, what skills does an AI Chemist need?

Training for handling metadata and adopting FAIR principles - best practice

Communication channel between industry and academics

Very important Uk leadership role in AI and data standards etc - not just a slush fund for academic projects

creation of a FAIR data hub

develop ideas for new undergrad courses

Lobbying funders to get access to proper equipment to train on

2

52

What could the Hub do going forward that would be most beneficial to you? How would you like to engage with the Hub?

advocate for AI/ML in chemistry curricula and accreditation criteria

funding for research

Opportunity for short secondments between academic and industrial partners for learning, development, and sharing of perspective.

Broad participation creation (start as a wiki or similar) of a program wide review article of the area.

2

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