## open innovation in digital science

kaitlin thaney

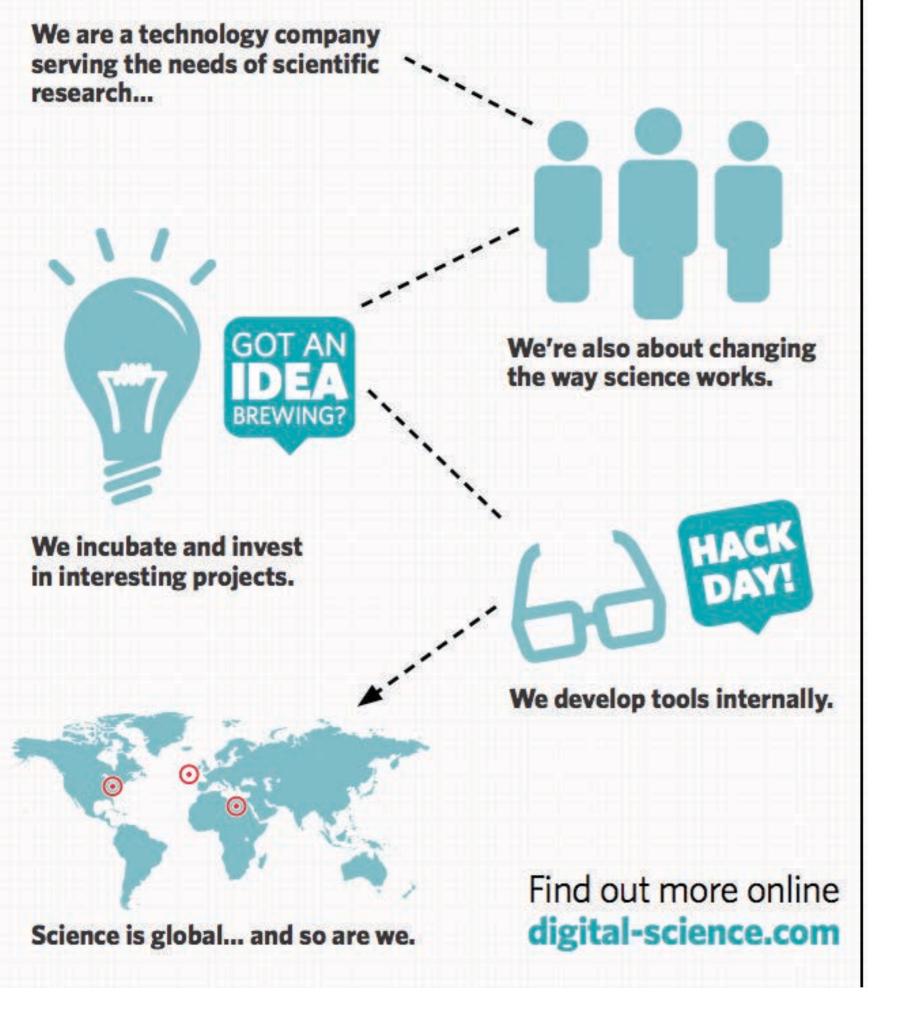
@kaythaney; @digitalsci

#openoxford; oxford

(0)

(a bit about who we are)

## E SCIENCE SCIENCE



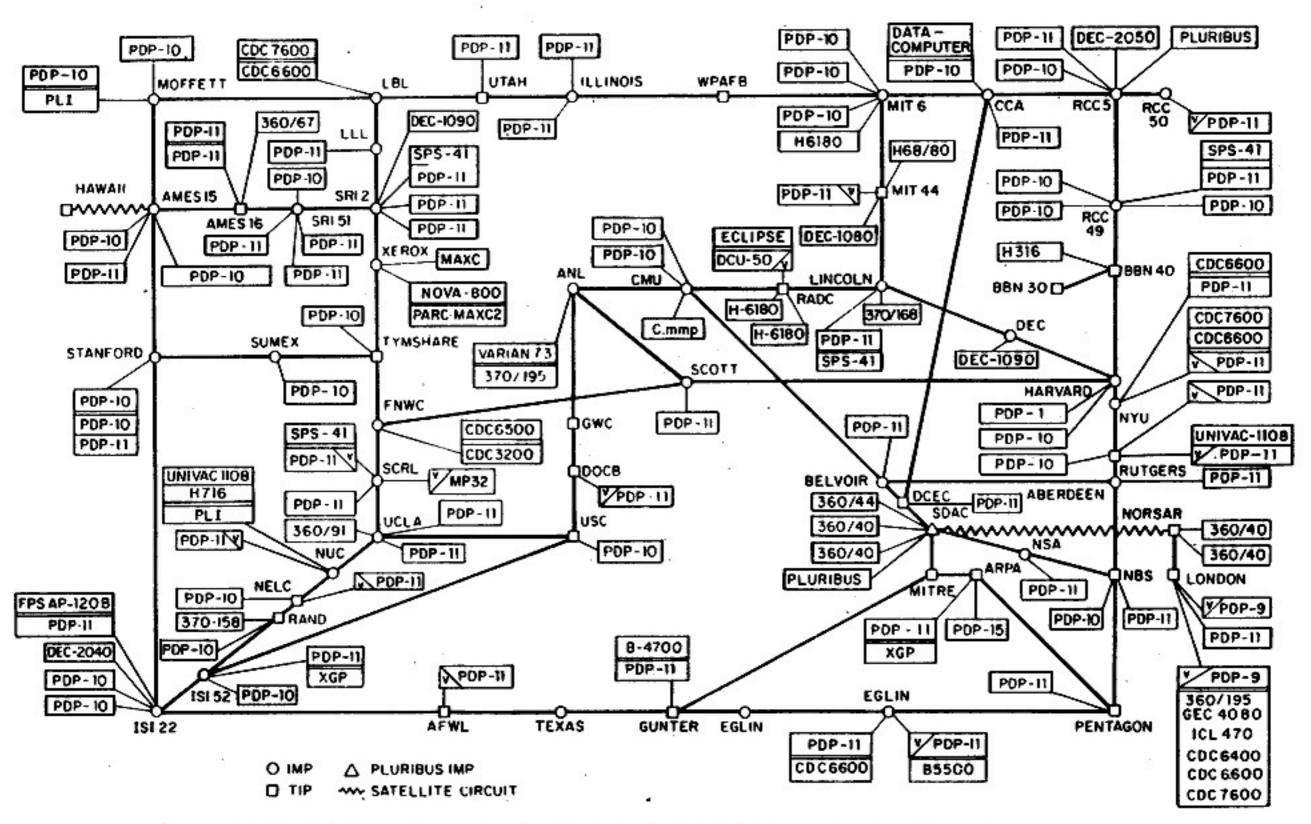
london

boston

new york

tokyo

#### ARPANET LOGICAL MAP, MARCH 1977



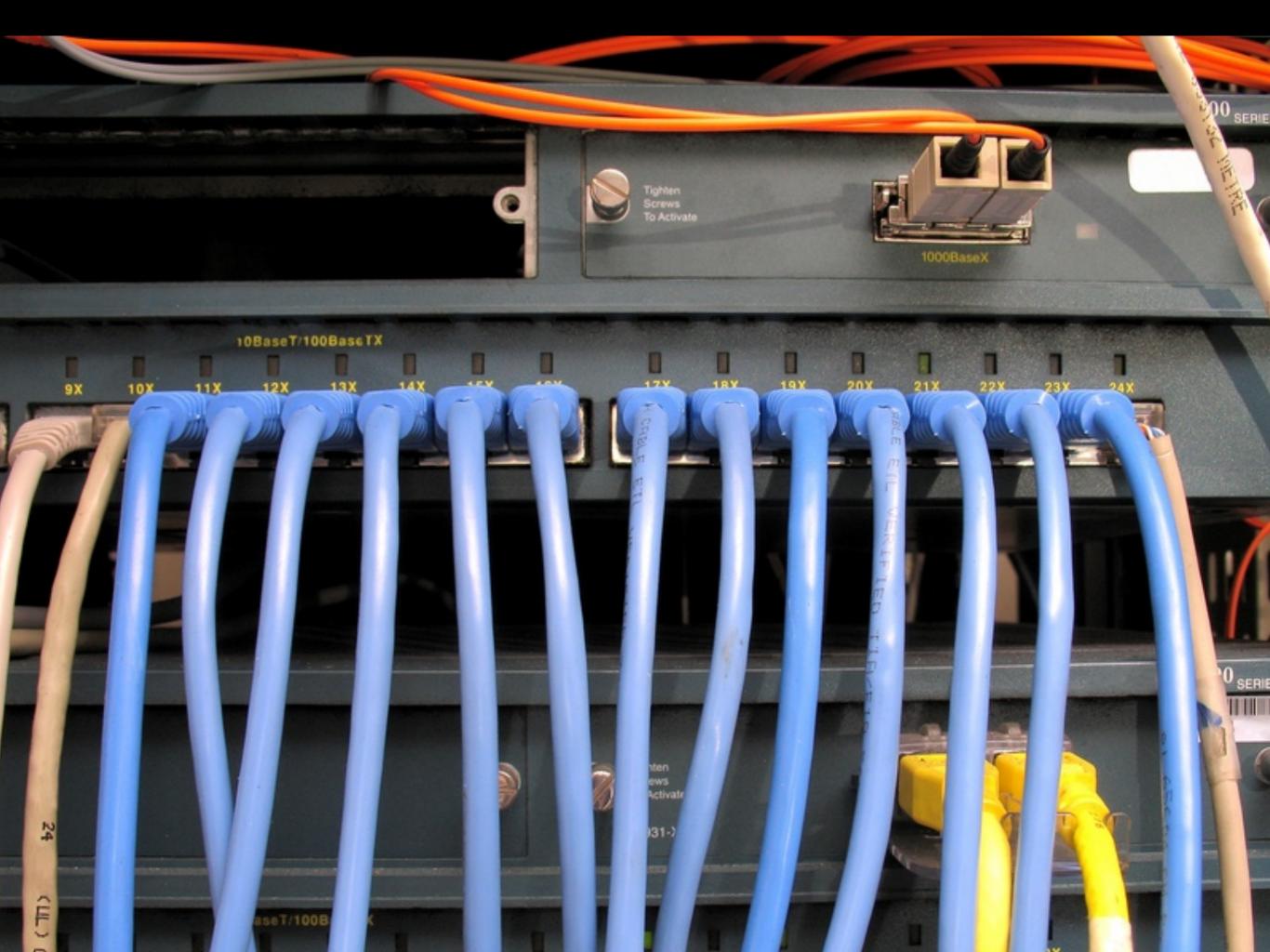
(PLEASE NOTE THAT WHILE THIS MAP SHOWS THE HOST POPULATION OF THE NETWORK ACCORDING TO THE BEST INFORMATION OBTAINABLE, NO CLAIM CAN BE MADE FOR ITS ACCURACY)

NAMES SHOWN ARE IMP NAMES, NOT (NECESSARILY) HOST NAMES



"traditions last not because they are excellent, but because influential people are averse to change and because of the sheer burdens of transition to a better state..."

Cass Sunstein



(1)





















digital-science.com

## encourage, support



Reuben Robbins, Clinical Psychologist Columbia University



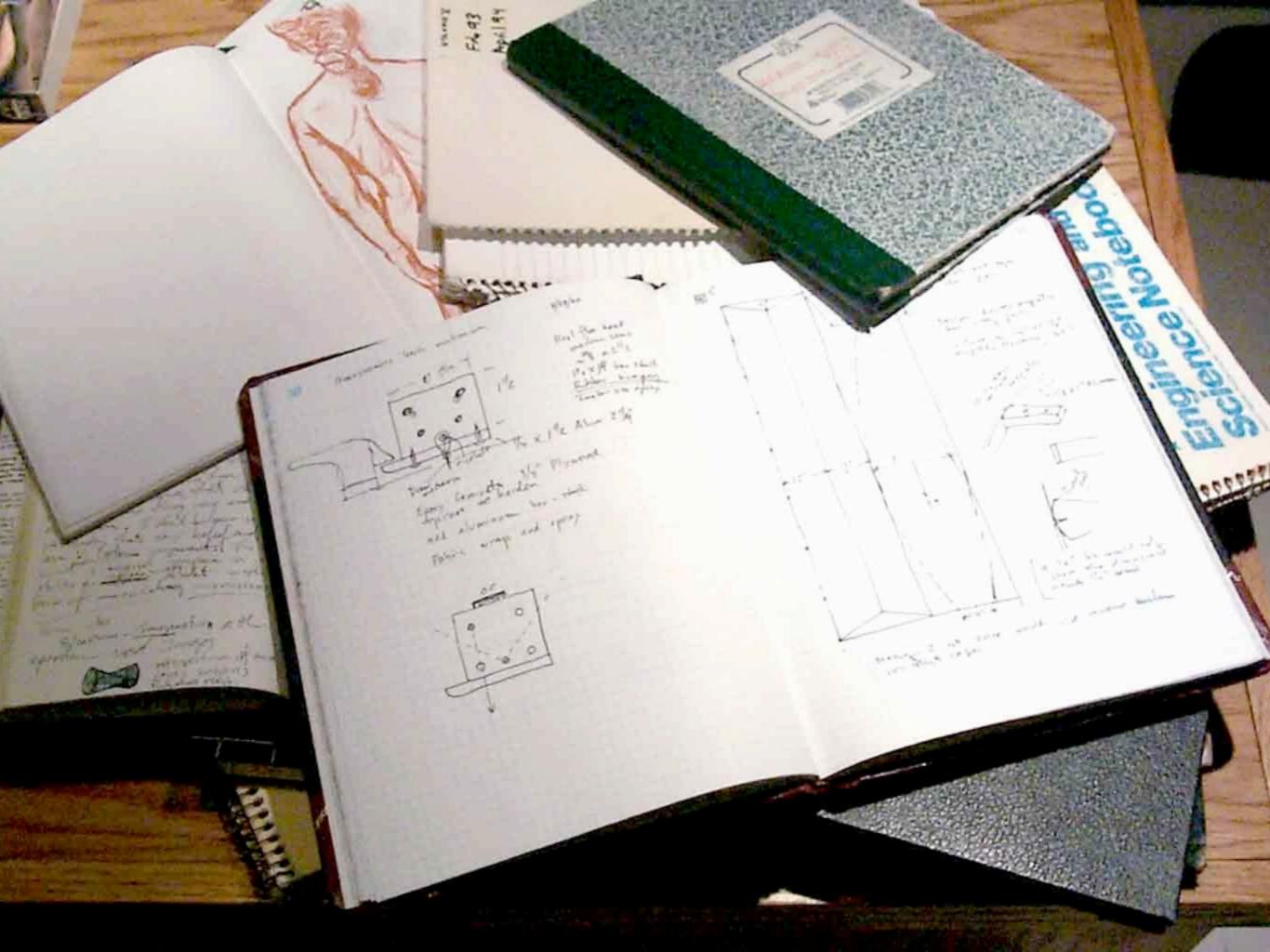
Michael Schmidt, Data Scientist President, Nutonian Inc.



2)

## our definition of "information" is evolving.

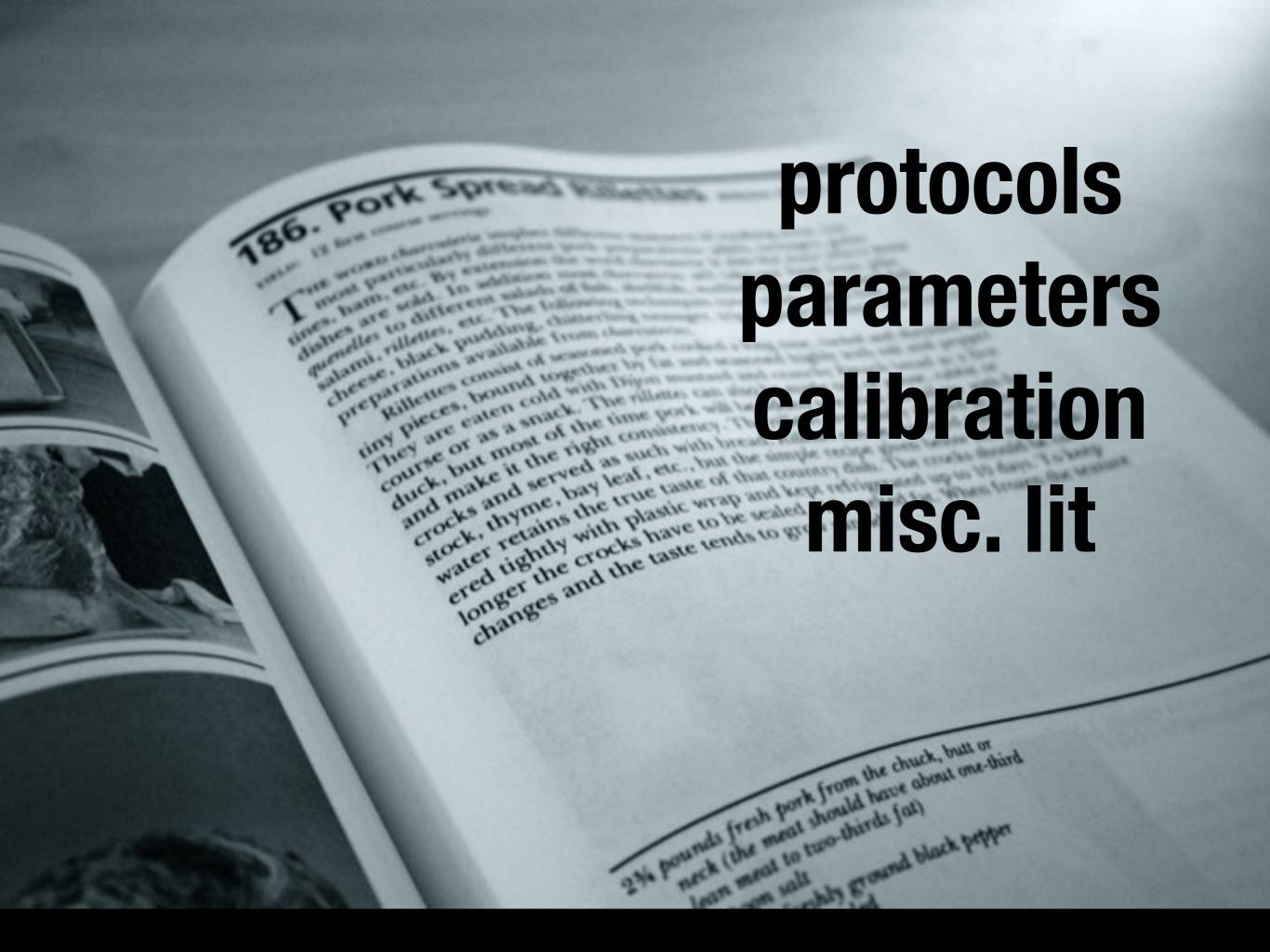
as are the containers ...



#### JELLYFISH IN ARMOUR



HOW MILK CONTAINERS SHOULD BE



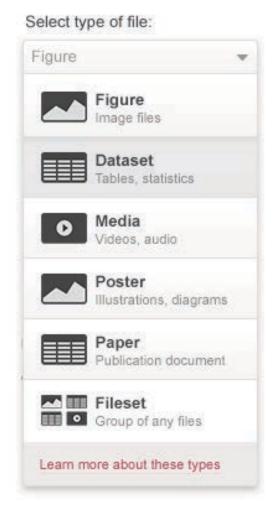


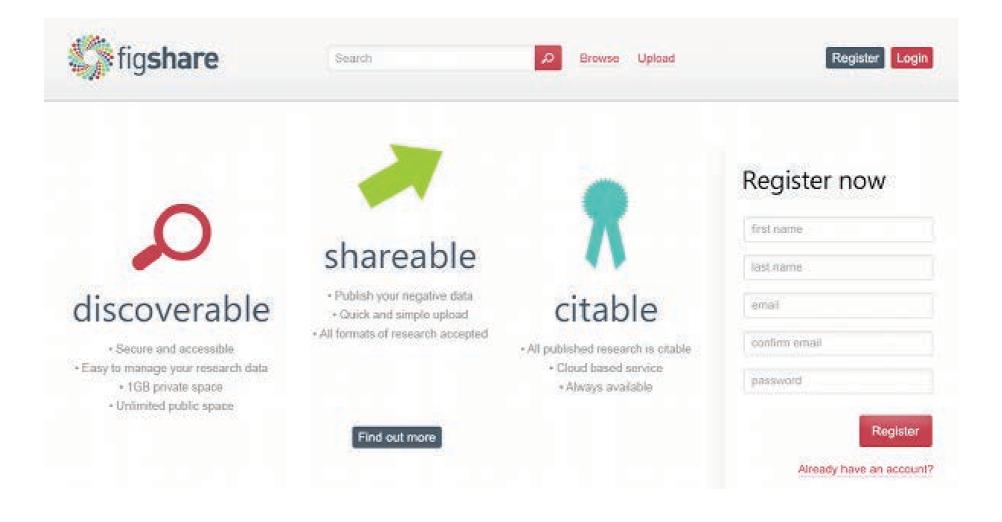






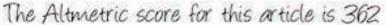
#### [citable, sharable, discoverable]

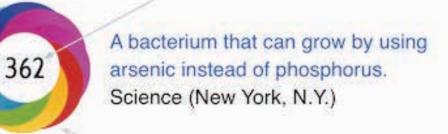






## altmetric





Each colour represents a different source of attention (mainstream news, Twitter...)





THIS IS TO CERTIFY THAT

#### Sigma Life Science

HAS ACHIEVED A TRIPADVISOR RATING OF



BY ITS GUESTS AND THEREFORE HAS BEEN AWARDED A

#### CERTIFICATE OF EXCELLENCE FOR THE YEAR OF 2012





#### Senior Reviewer



6 reviews



Reviews in 2 cities



4 helpful votes

#### "Run away!"



This was the worst ordering experience of my career. The antibody was fake, causing my a 8 month loss to my research. NEVER again.

More \*

Was this review helpful? Yes

Problem with th

#### 152 reviews from our community

19

#### Trip type

Family reviews (6)

Couples reviews (29)

Solo travel reviews (13)

Business reviews (6)

Friends reviews (61)

See which rooms travellers prefer - 8 traveller tips

Traveller rating

Excellent

Very good

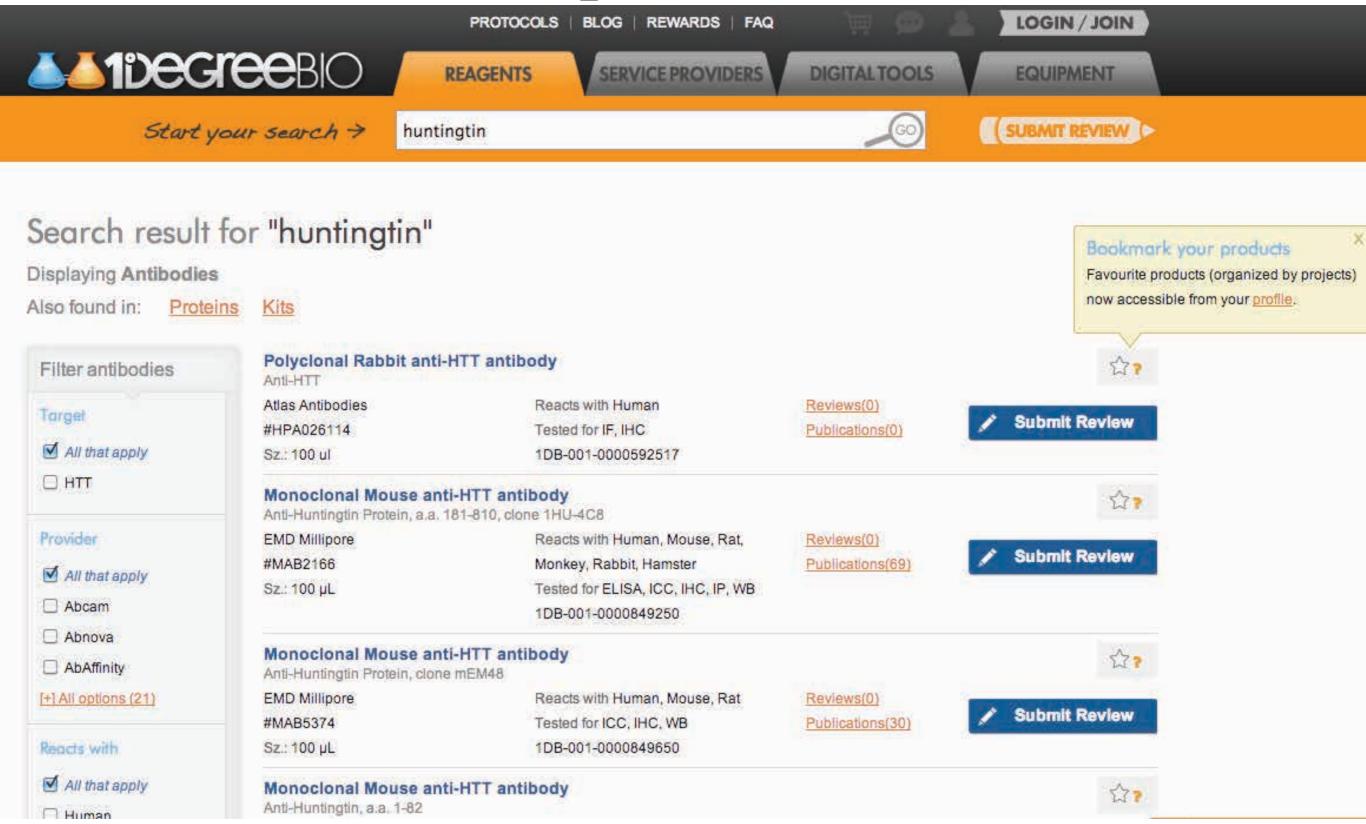
Average

Terrible

Poor

Write a Review

### a smarter, open alternative









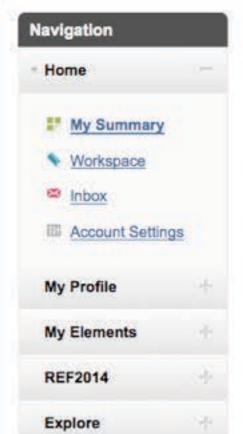


### ELEMENTS



MY PROFILE MY ELEMENTS **REF2014** 

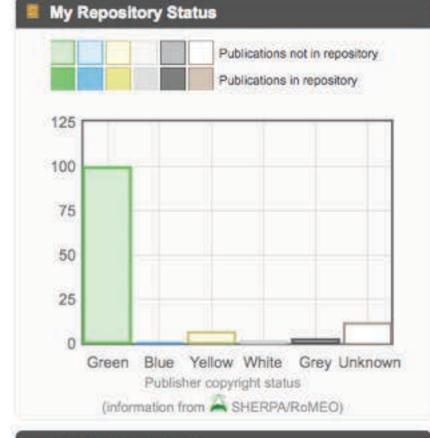
**EXPLORE** 

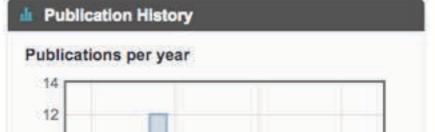




		Author	Editor	Translator	
Chapters	-	0	0	0	
Conferences		1	0	0	Export []
Journal articles		118	0	0	Export
Patents		0	0	0	
Reports	-	0	0	0	
Others		0	0	0	
TOTAL		119	0	0	Export []

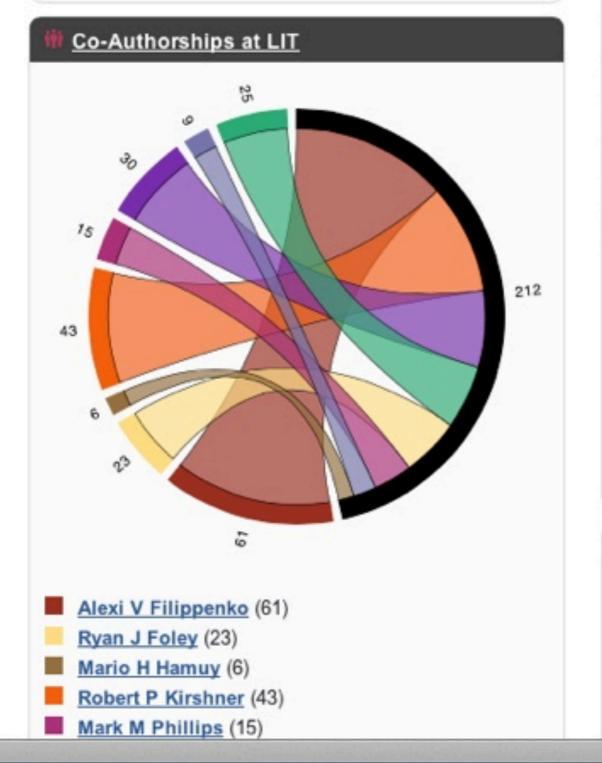






### coauthorship, insights

Studentships	0	0	0
TOTAL	1	3	4



CiNii JP - not searched

CrossRef - supplementary search

DBLP - not searched

Mendeley - not searched
PubMed - not searched

RePEc - not searched

Web of Science

Web of Science (Lite) - not searched

#### Automated search

Download Arthur G Grey's online database search history in CSV/Excel format

The last successful automated searches took place on 28 Jan 2013 at 12:12, searching the following online databases:

arXiv

Web of Science

#### My Search Settings

#### Default search terms

Name variants: "Riess AG"

Addresses: [none]
Start date: [none]
Keywords: [none]

(3)

## our practices are limiting us.

... and in some ways, harming.

changing models of authority, community





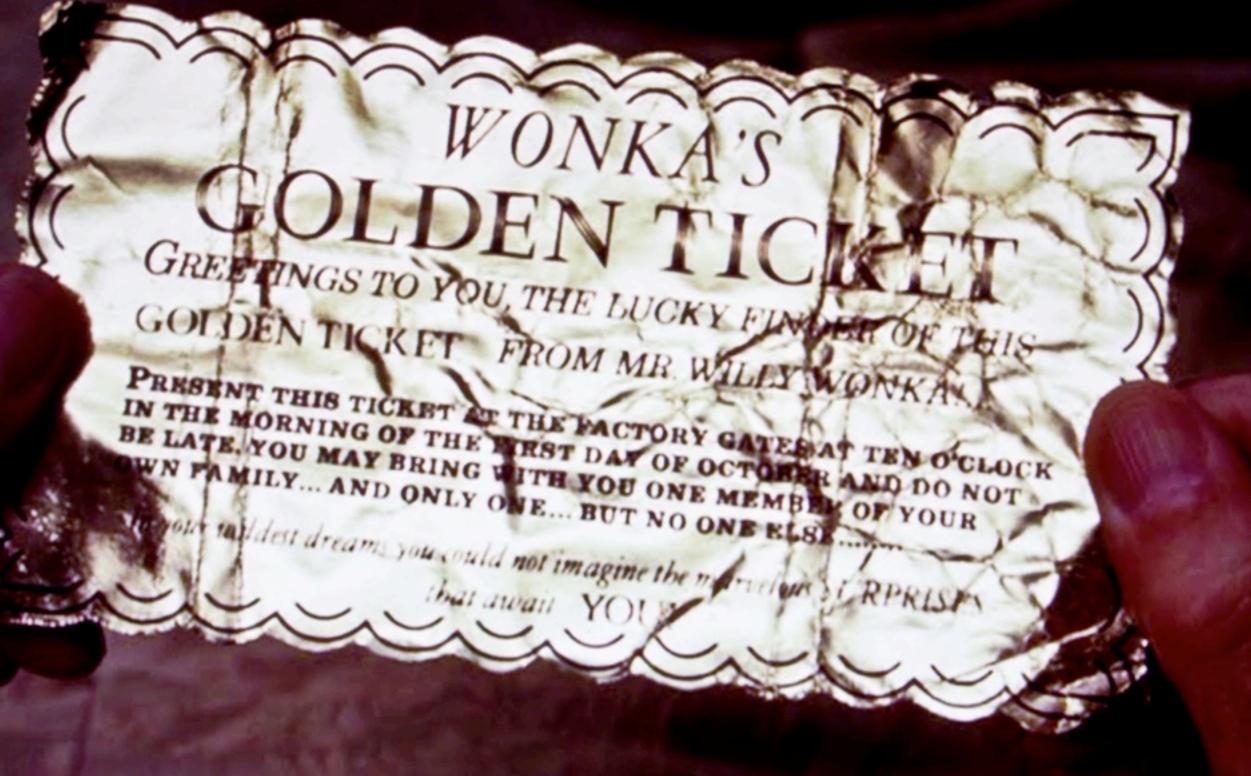
"That's Dr. Arnold Moore. He's conducting an experiment to test the theory that most great scientific discoveries were hit on by accident"

What Des-Cartes did was a good step. You have added much several ways, & especially in taking ye colours of thin plates into philosophical consideration.

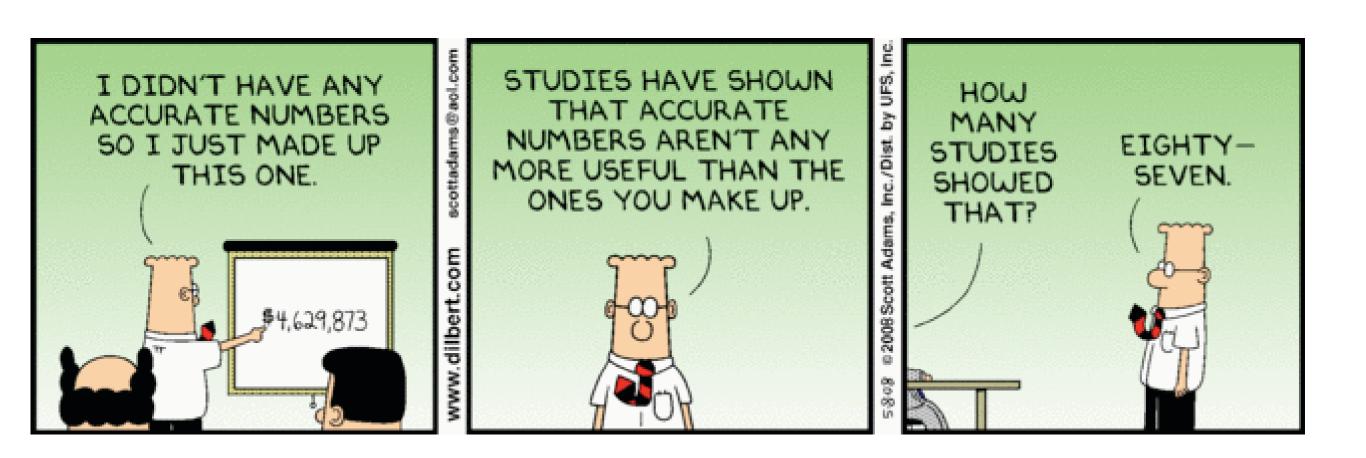
If I have seen further it is by standing on ye shoulders of Giants.

- Isaac Newton, 1676

## we're locked in old mechanisms.



## existing system is imperfect



we can/need to do better.

# think before you (re)invent. design decisions are key. plan for the irrational.

## more at digital-science.com

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