

Scientific Publishing in a Connected, Mobile World

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S I D E R E V S

N V N C I V S
MAGNA, LONGEQUE ADMIRABILIA
Spectacula pandens, suspiciendaque proponens
unicuique, praesertim vero

PHILOSOPHIS, atq; ASTRONOMIS, *quo 2*
GALILEO GALILEO
PATRITIO FLORENTINO
Patauini Gymnasij Publico Mathematico

PERSPICILLI
Nuper 2 se reperi beneficio sunt observata in LVNO, EVACIE, FIXIS IN
NUMERIS, LACTEO CIRCVLO, STELLIS NEBULOSIS,
Apprime vero in

QVATVOR PLANETIS
Stellam disparibus intervallis, atque periodis, eclipsis
Circu 10^o diebus, circuevolvens, quae, necnon in hanc vltimam
hemisphaerem, hucusq; non accesserat.

M E D I C E A S I D E R A
N V N C I P A N D O S D E C R E V I T



VENETIIS, Apud Thomam Baglionum. MDCX.
Superiorum Permissu, & Privilegio.

*Al M. G. de Sig: Gabriel Ciabrera
Galileo Galilei*

PHILOSOPHICAL
TRANSACTIONS:
GIVING SOME
ACCOMPT
OF THE PRESENT
Undertakings, Studies, and Labours
OF THE
INGENIOUS
IN MANY
CONSIDERABLE PARTS
OF THE
WORLD.

Vol I.

For *Anno 1665, and 1666.*

In the *SAVOY,*
Printed by *T. N.* for *John Martyn* at the Bell, a little with-
out *Temple-Bar,* and *James Allestry* in *Duck-Lane,*
Printers to the *Royal Society.*

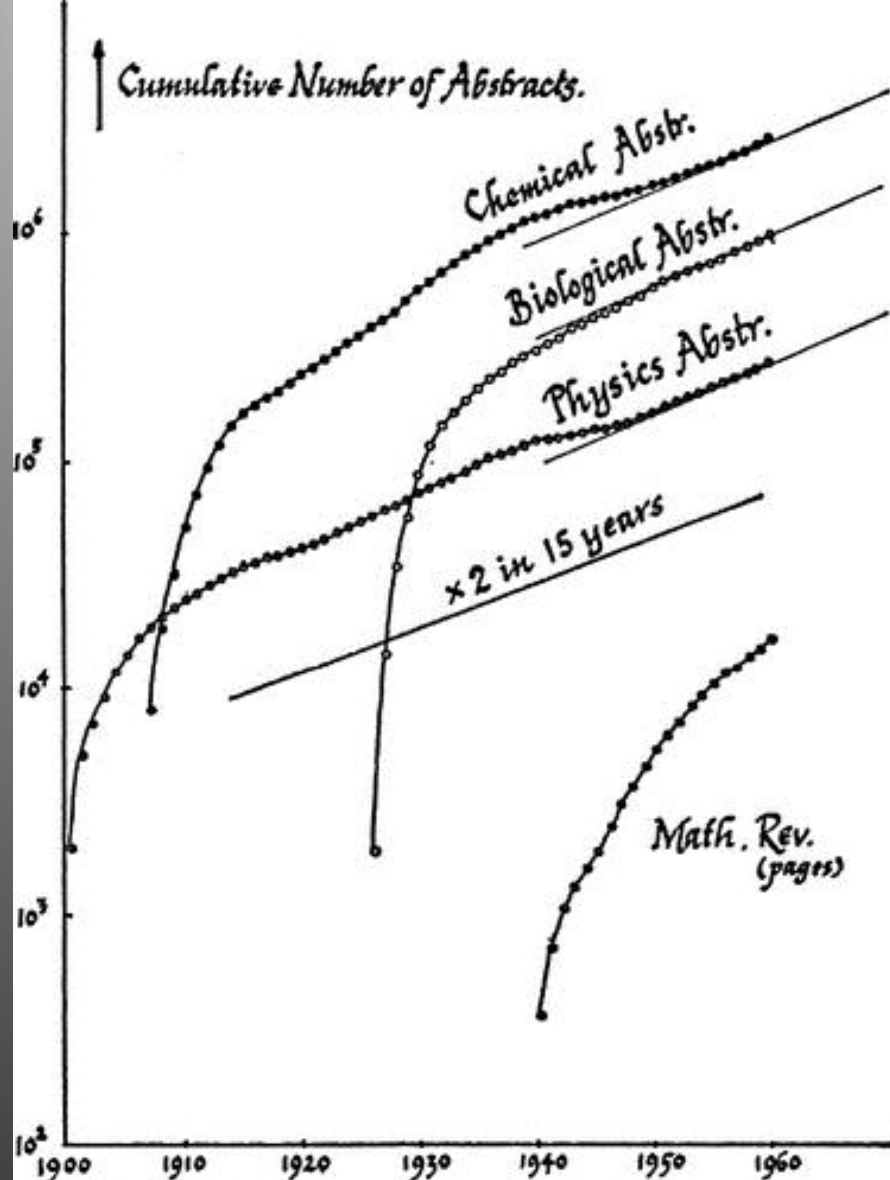
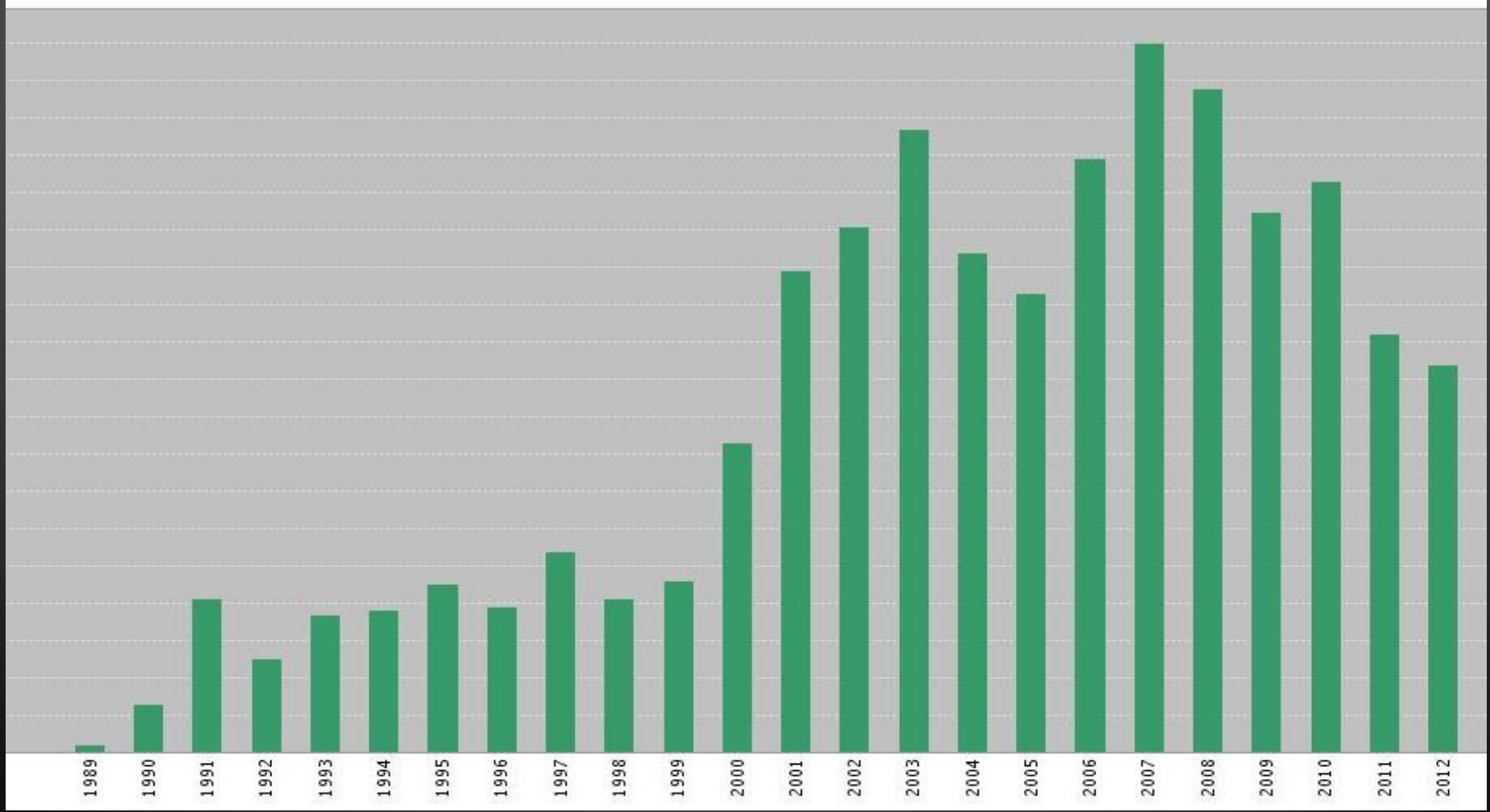


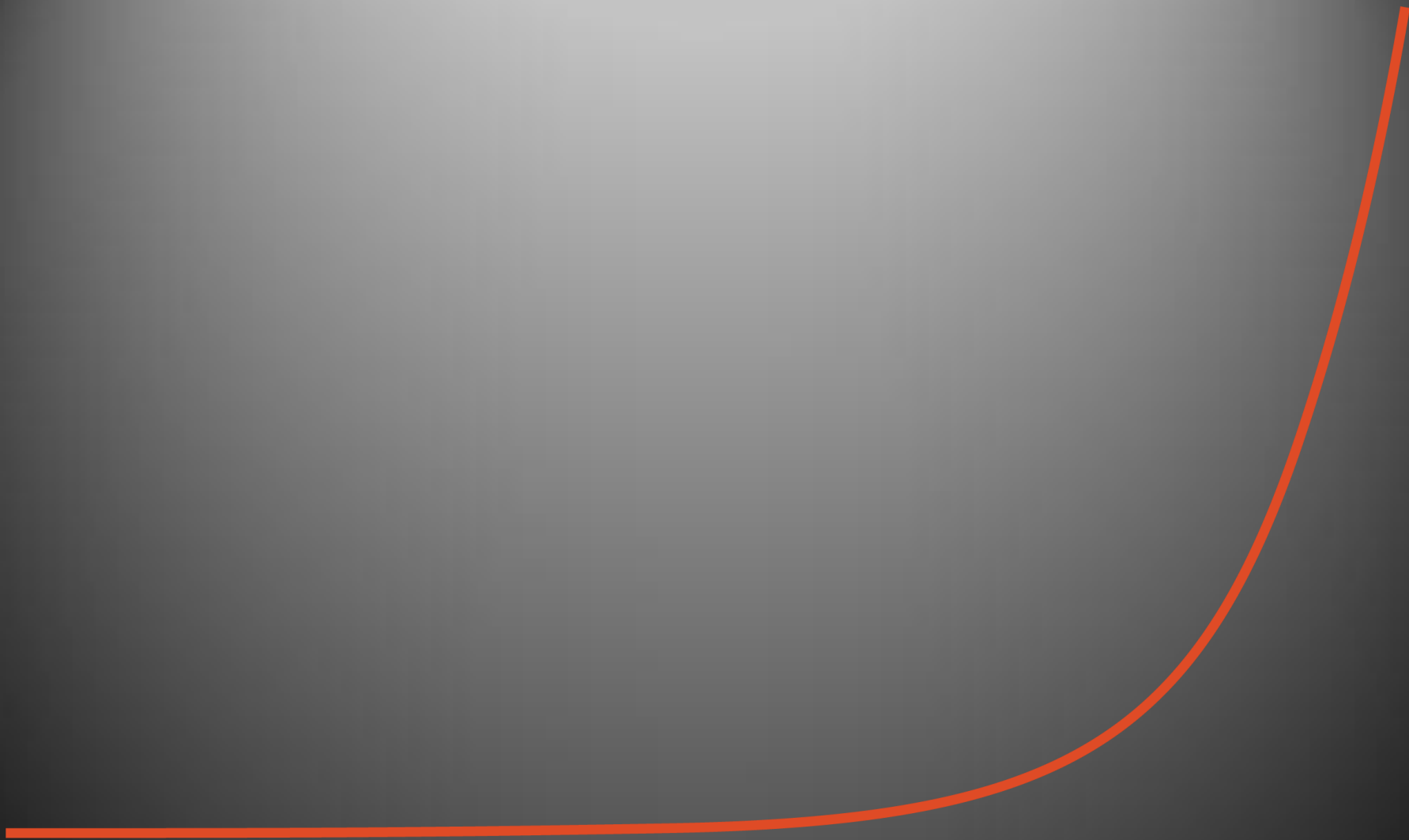
Fig. 2. CUMULATIVE NUMBER OF ABSTRACTS IN VARIOUS SCIENTIFIC FIELDS, FROM THE BEGINNING OF THE ABSTRACT SERVICE TO GIVEN DATE

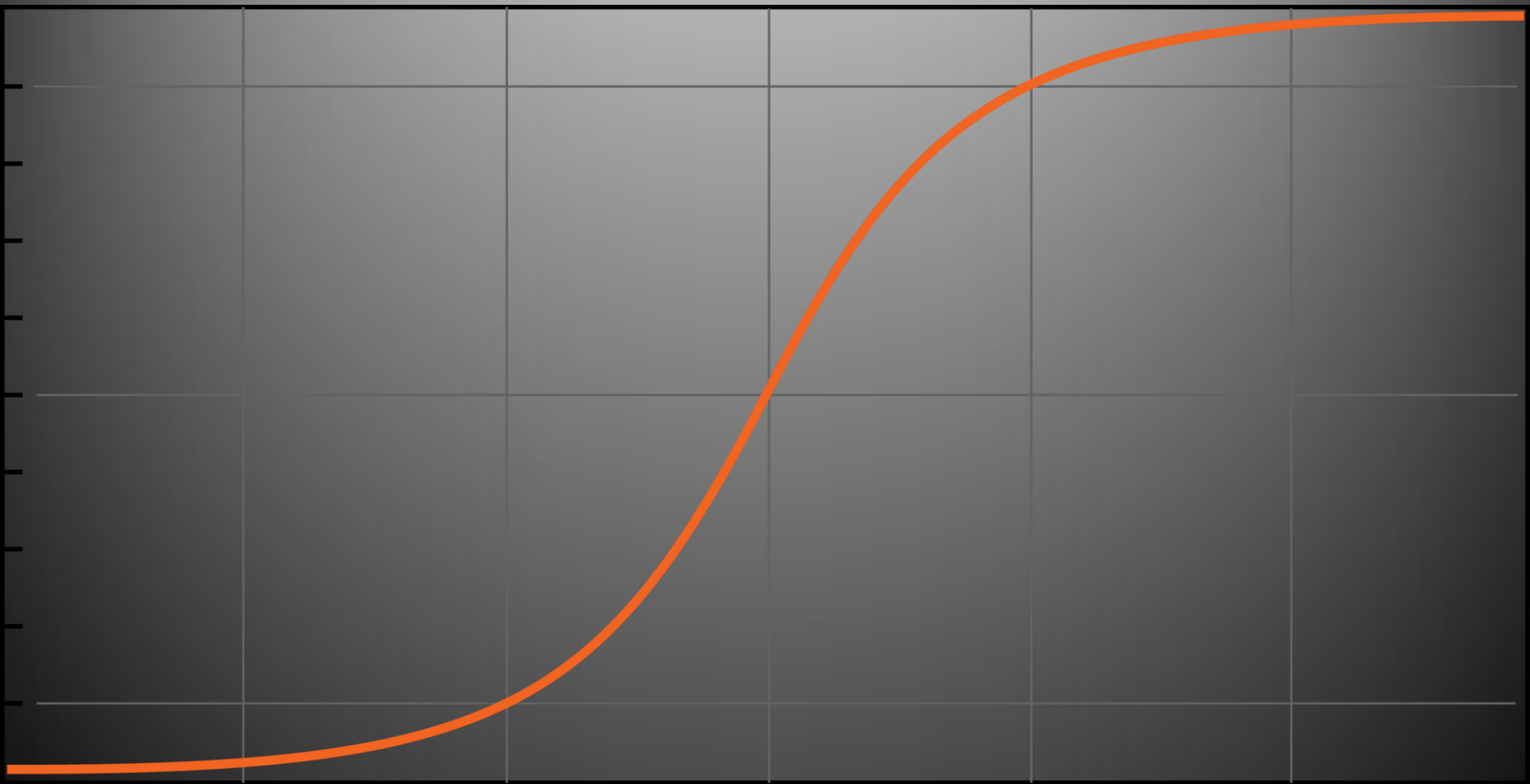
It will be noted that after an initial period of rapid expansion to a stable growth rate, the number of abstracts increases exponentially, doubling in approximately 15 years.

Sacred

Profane

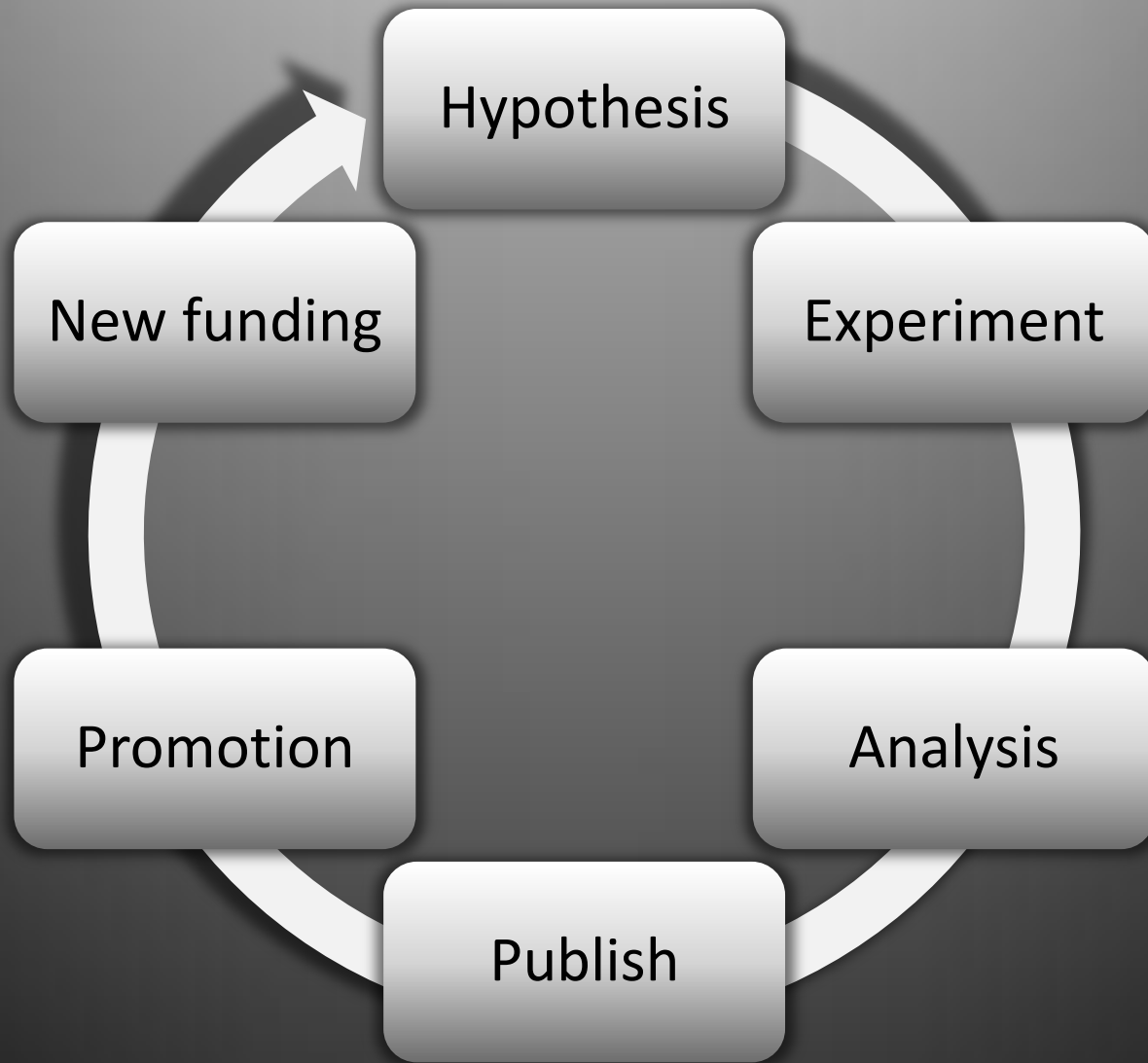






- 1900 10/year
- 1930 100/year
- 1970 1000/year
- 2000 10,000/year
- 2150 1,000,000/year

The Endless Cycle





Map of scientific collaborations from 2005 to 2009

Computed by Olivier H. Beauchesne @ Science-Metrix, Inc.

Data from Scopus, using books, trade journals and peer-reviewed journals





INTELLIGENT PANEL

Mobile Disruptions (Mary Meeker, KPCB)

Since 2007 450 million iOS devices

2009 2% US adults own tablet/eReader

2012 29%

2006 1.3 billion land lines

2009 4.7 billion mobile lines

Encyclopedia Britannica out of print after 244 years

A Re-Imagination?

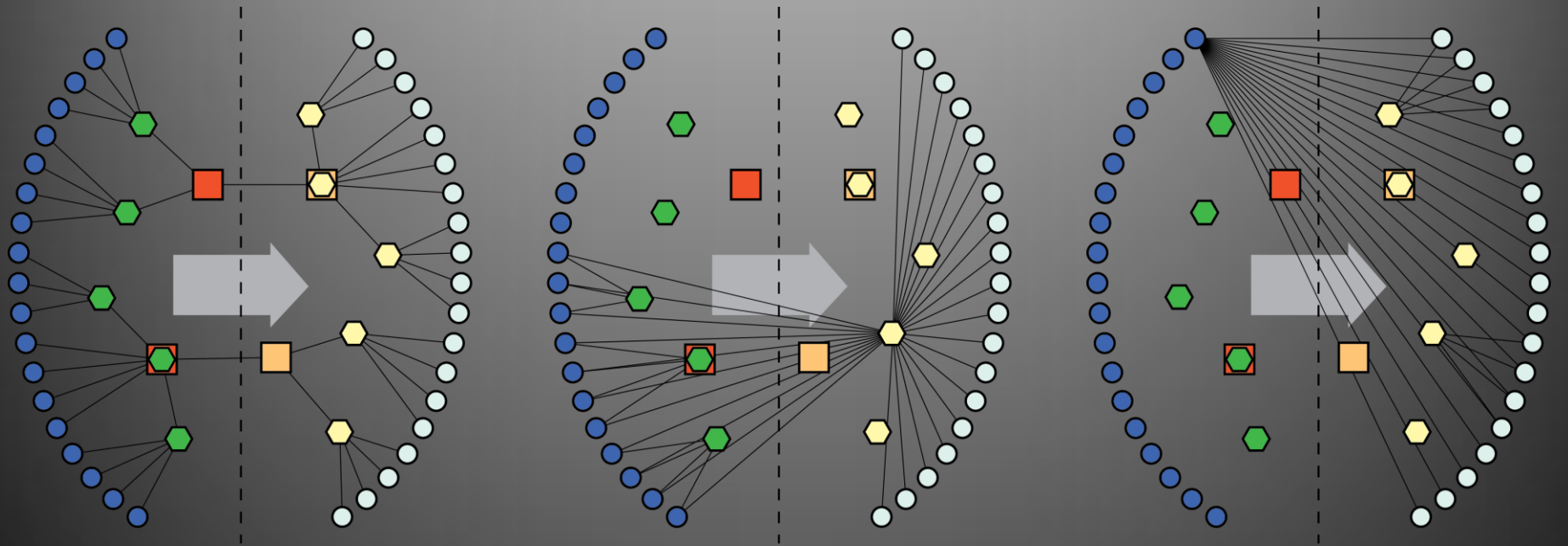
foursquare[®]

ELECT

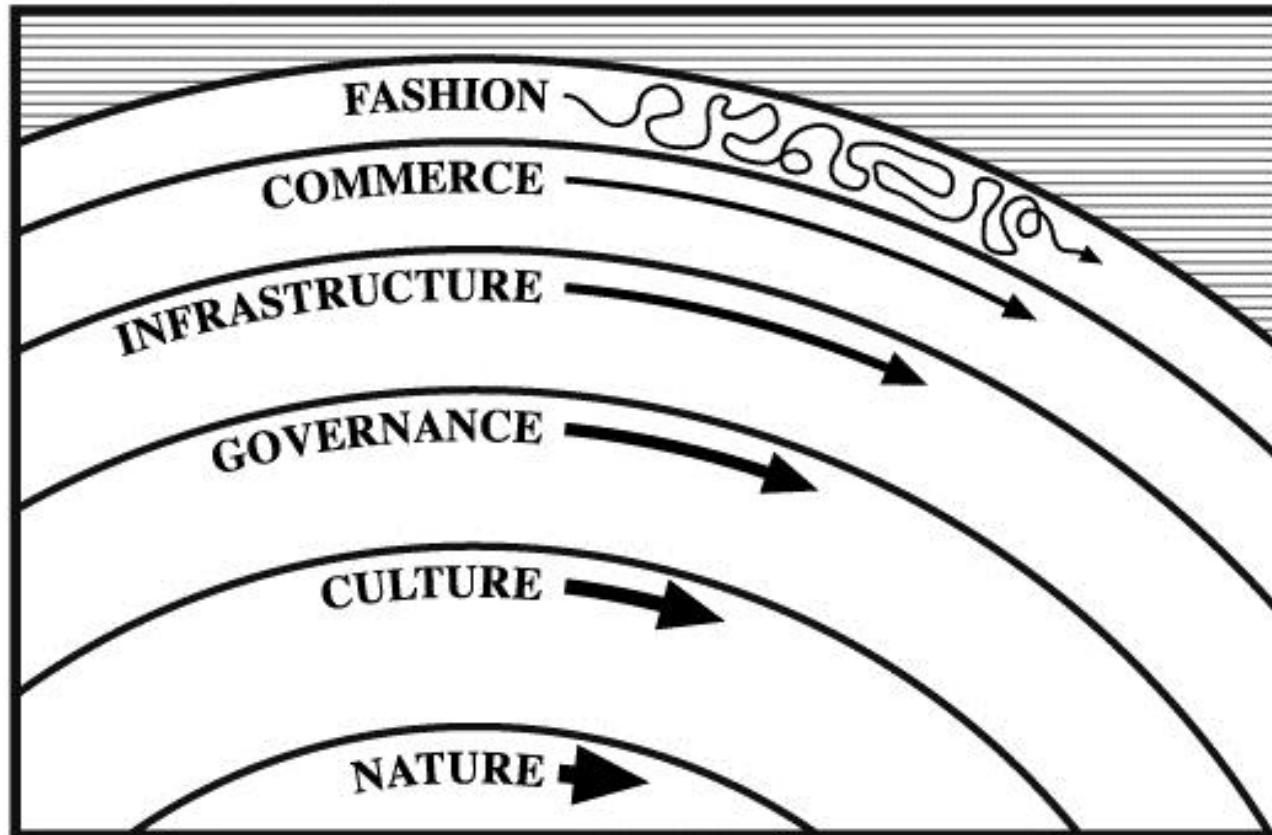
K

KLOUT

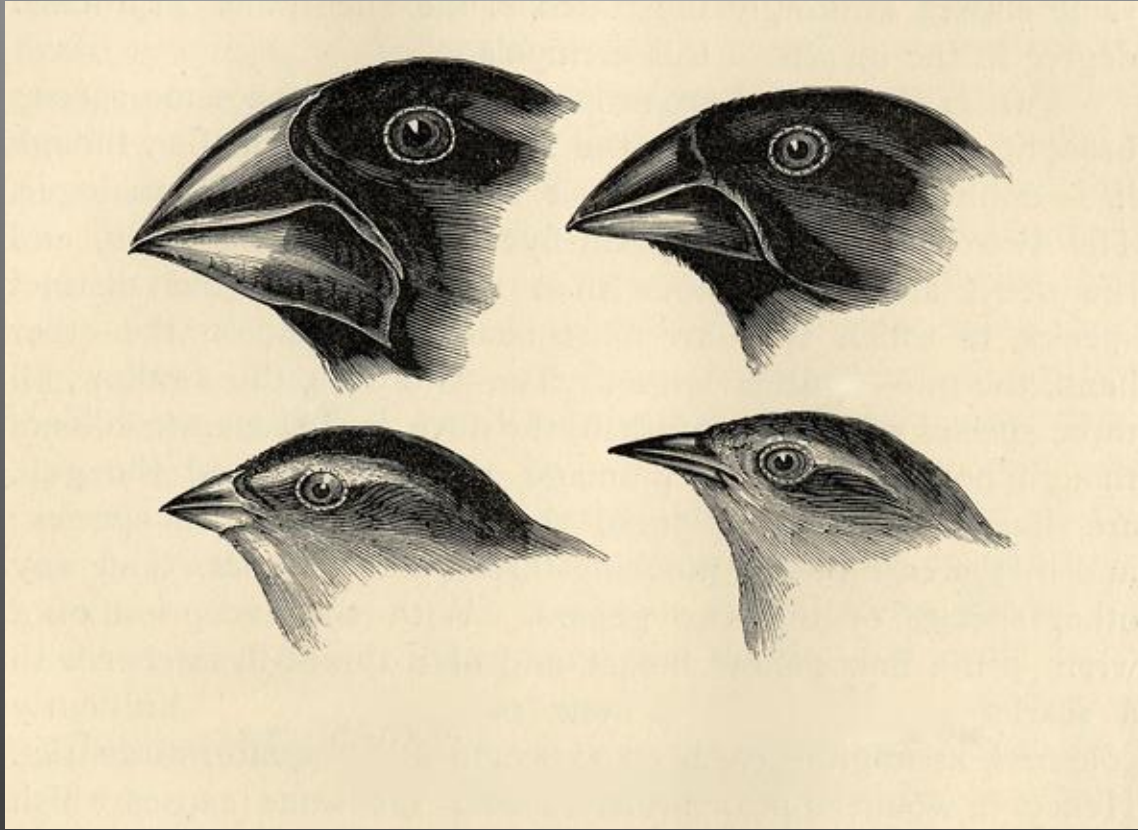




Pace Layering



Source: Brand, S., 1999, *The Clock of the Long Now*, p. 37.





Durability and Predictability

UNIVERSITY ID: 000-0000-000

TERM GRADE REPORT
NOT OFFICIAL TRANSCRIPT

STUDENT NAME: John Little
ADDRESS: 9 Sherwood Forest
Nottinghamshire, UK

Group: School of Education
Org: Education
Plan 1: Distance Education-Grad
Class: Grad Special

Term: SUMMER 2007

Career: Graduate

Inst: Bloomington

Course Title Topic Instructor	Cls Nbr	Subject	Course	Units	Grade	Grade Distribution						
	Average		Average			A+	B+	C+	D+	F	I	NY
	Cls GPA	Pct Maj	Std GPA		Index	A-	B-	C-	D-	S	R	NC
Adventures in Archery TPC: FLETCHING Locksley, R	9523	HPER-H	101	3.0	A-	16	11	7	1	3	0	0
						61	18	5	0	0	5	0
	3.455	92.9%	3.032		116/174	39	9	4	0	0	0	0
LITERARY INTERPRETATION TPC:UNCOVERING HISTORY Nottingham, S	2555	ENG-L	202	3.0	NR	*****						
						NOT AVAIL/SMALL CLS						
	N/A	N/A	N/A		***/**	*****						

Program Statistics:

GPA	Units Tkn	GPA Units Pass	Grade Pts	Curr GPA
6.0		3.0	11.1	3.700
GPA	Units Tkn	Cum Units	Grade Pts	Cum GPA
6.0		3.0	11.1	3.700

IU Statistics:

GPA	Units Tkn	GPA Units Pass	Grade Pts	Curr GPA
6.0		3.0	11.1	3.700
GPA	Units Tkn	Cum Units	Grade Pts	Cum GPA
6.0		3.0	11.1	3.700

THE REGENTS OF THE
University of California

ON THE NOMINATION OF THE
GRADUATE COUNCIL OF THE BERKELEY DIVISION
HAVE CONFERRED UPON

JEFFREY MISHLOVE

HAVING DEMONSTRATED ABILITY BY ORIGINAL RESEARCH
IN PARAPSYCHOLOGY
THE DEGREE OF DOCTOR OF PHILOSOPHY
WITH ALL THE RIGHTS AND PRIVILEGES THERETO PERTAINING

GIVEN AT BERKELEY
THIS FOURTEENTH DAY OF JUNE IN THE YEAR
NINETEEN HUNDRED AND EIGHTY

Edmund G. Brown
GOVERNOR OF CALIFORNIA AND
PRESIDENT OF THE REGENTS

David S. Saxon
PRESIDENT OF THE UNIVERSITY



Albert H. Bowker
CHANCELLOR AT BERKELEY

W. H. ...
DEAN OF THE GRADUATE DIVISION
AT BERKELEY

UDACITY

CERTIFICATE OF ACCOMPLISHMENT
WITH HIGHEST DISTINCTION

This is to certify that

YOUR NAME

Has successfully completed

COMPUTER SCIENCE 101:
Introduction To Computer Science
Building A Search Engine



David Evans, Ph.D.



Sebastian Thrun, Ph.D.

DATE

Date





The Pov
Images
and Nar



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vior

One, Sept. 2012

On the one hand, there is the world of the printed word with its emphasis on logic, sequence, history, exposition, objectivity, detachment, and discipline. On the other, there is the world of television with its emphasis on imagery, narrative, presentness, simultaneity, intimacy, immediate gratification, and quick emotional response.

Neil Postman, *Technopoly*, 1992

