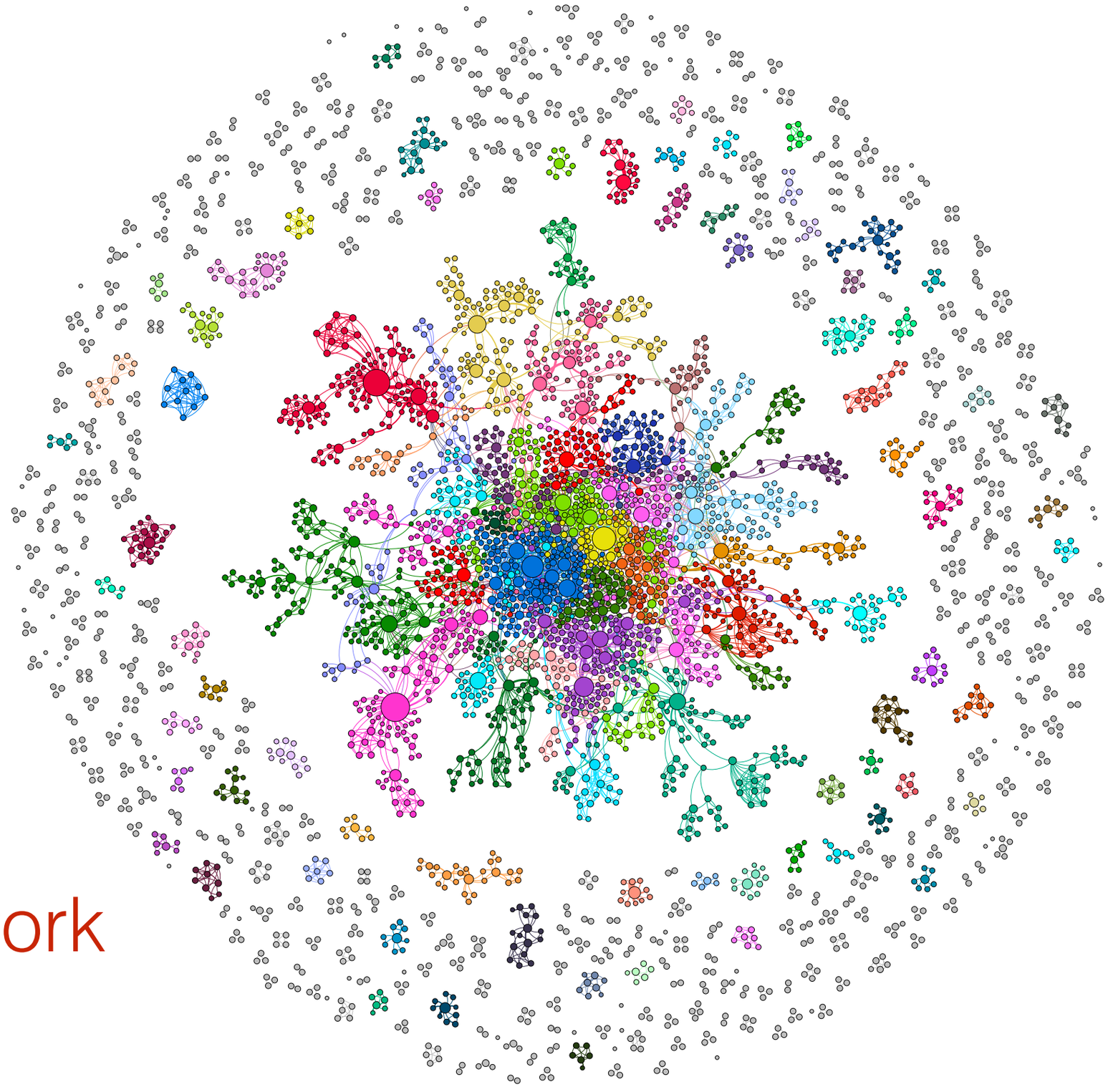


Statistics & Collaboration Network

Gabriela Ochoa, EiC

GECCO Organisation

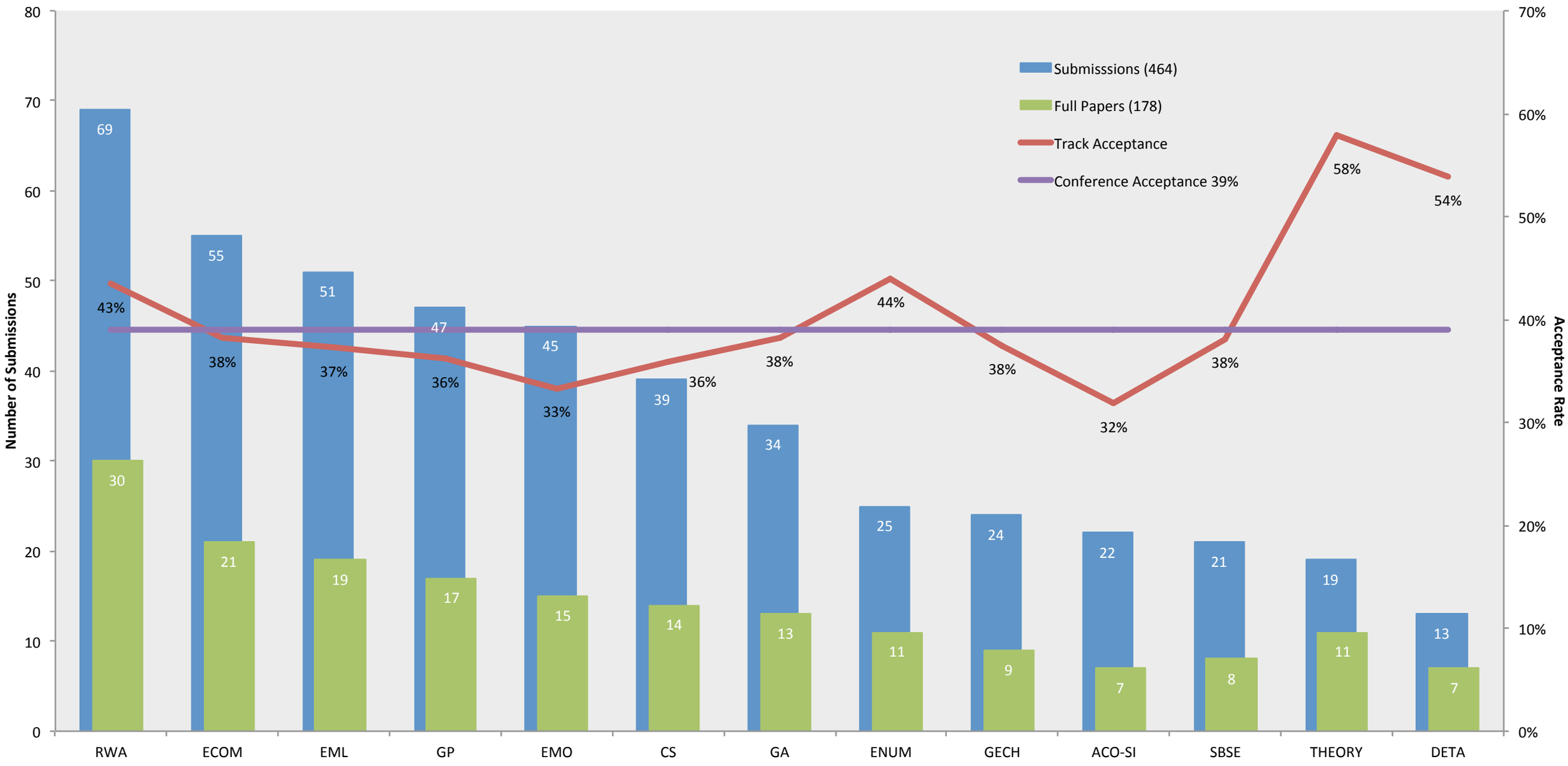
Peter A.N. Bosman, Francisco Chicano

University of Stirling

Nadarajen Veerapen, Fabio Daoio

Submissions & acceptances 2017

	Submission	Acceptances	%
Abstract	595		
Papers	462	178	39
Posters	32	19	59



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Authors affiliations
(papers & posters) 2017

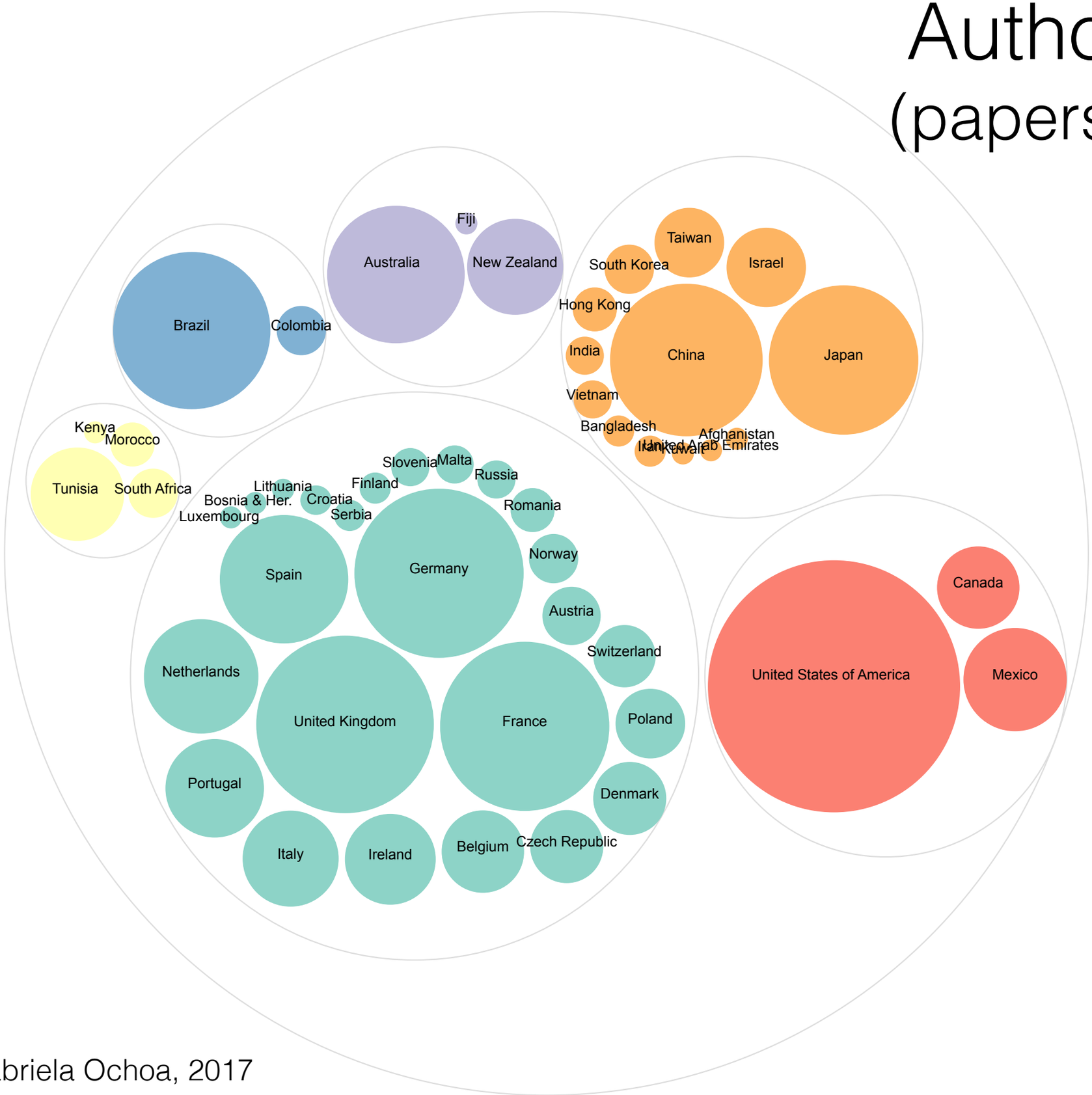
	Africa
	Asia
	Europe
	N. America
	Oceania
	S. America

USA	131
UK	65
France	59
Germany	59
Brazil	51
China	48
Japan	46

- Total authors: 837
- Total countries: 50

Gabriela Ochoa, 2017

Authors affiliations
(papers & posters) 2017



	Africa 3.3%
	Asia 16.6%
	Europe 46.6%
	N. America 20%
	Oceania 7%
	S. America 6.7%

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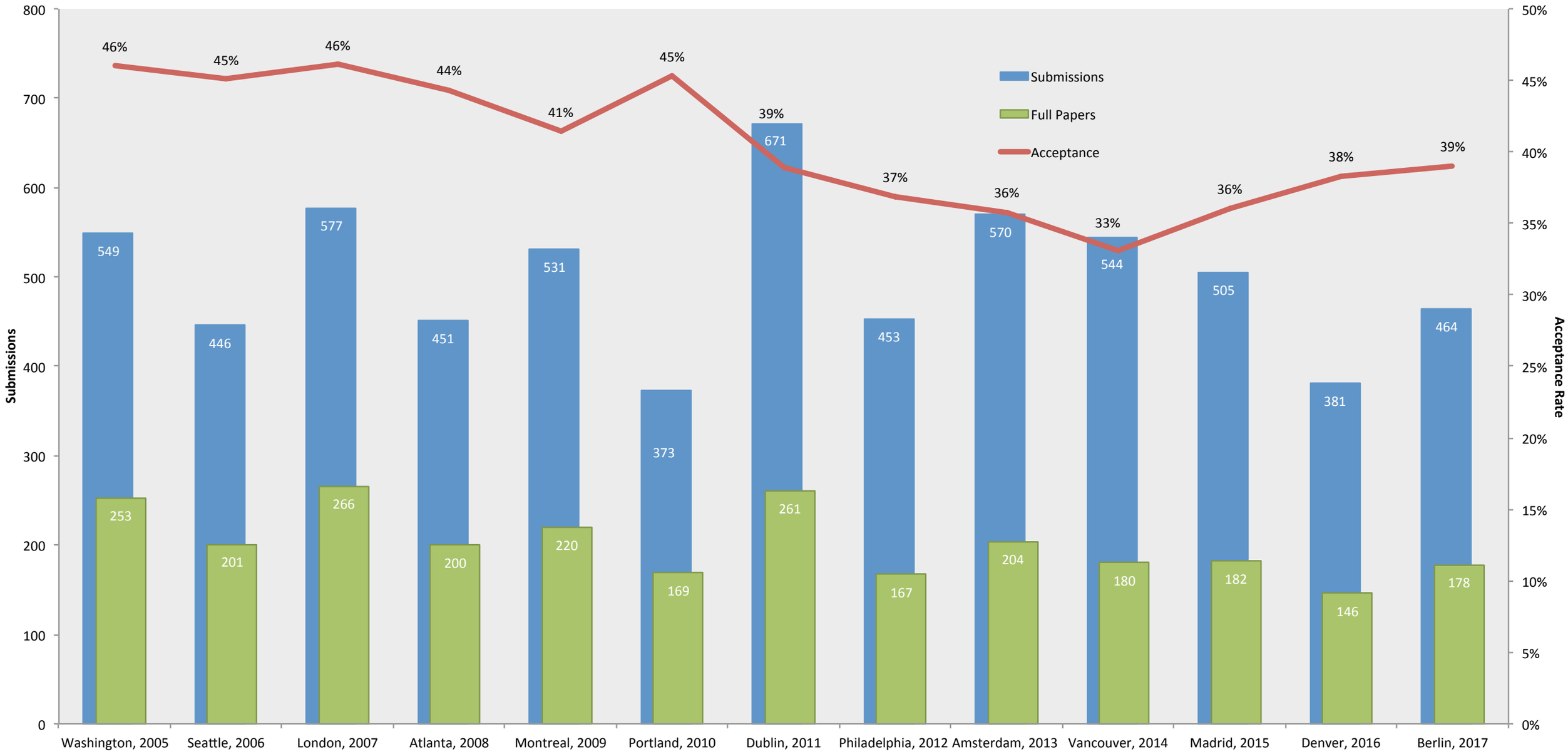
Submissions & acceptances

2005 - 2017



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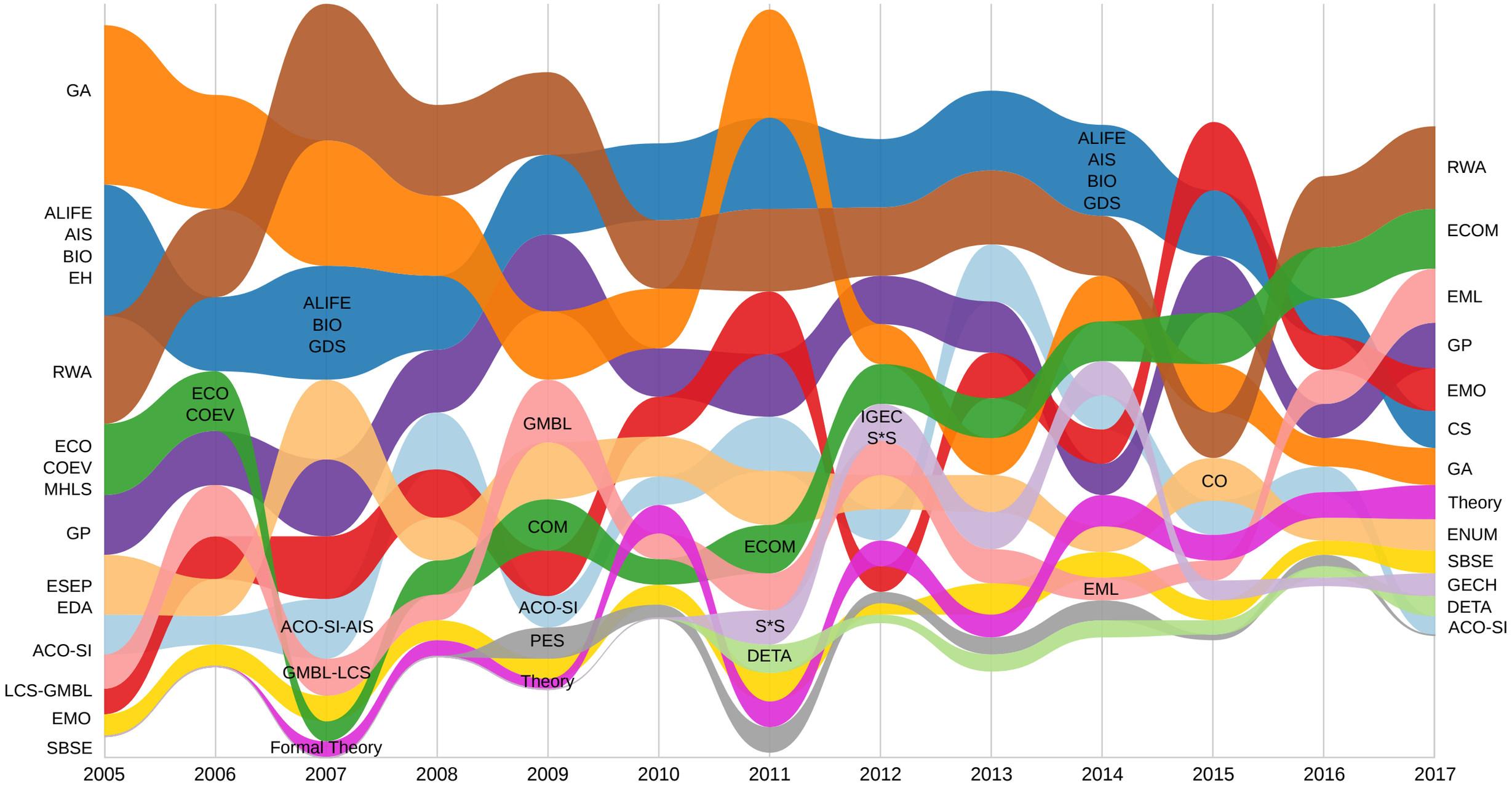
Track dynamics 2005 - 2017



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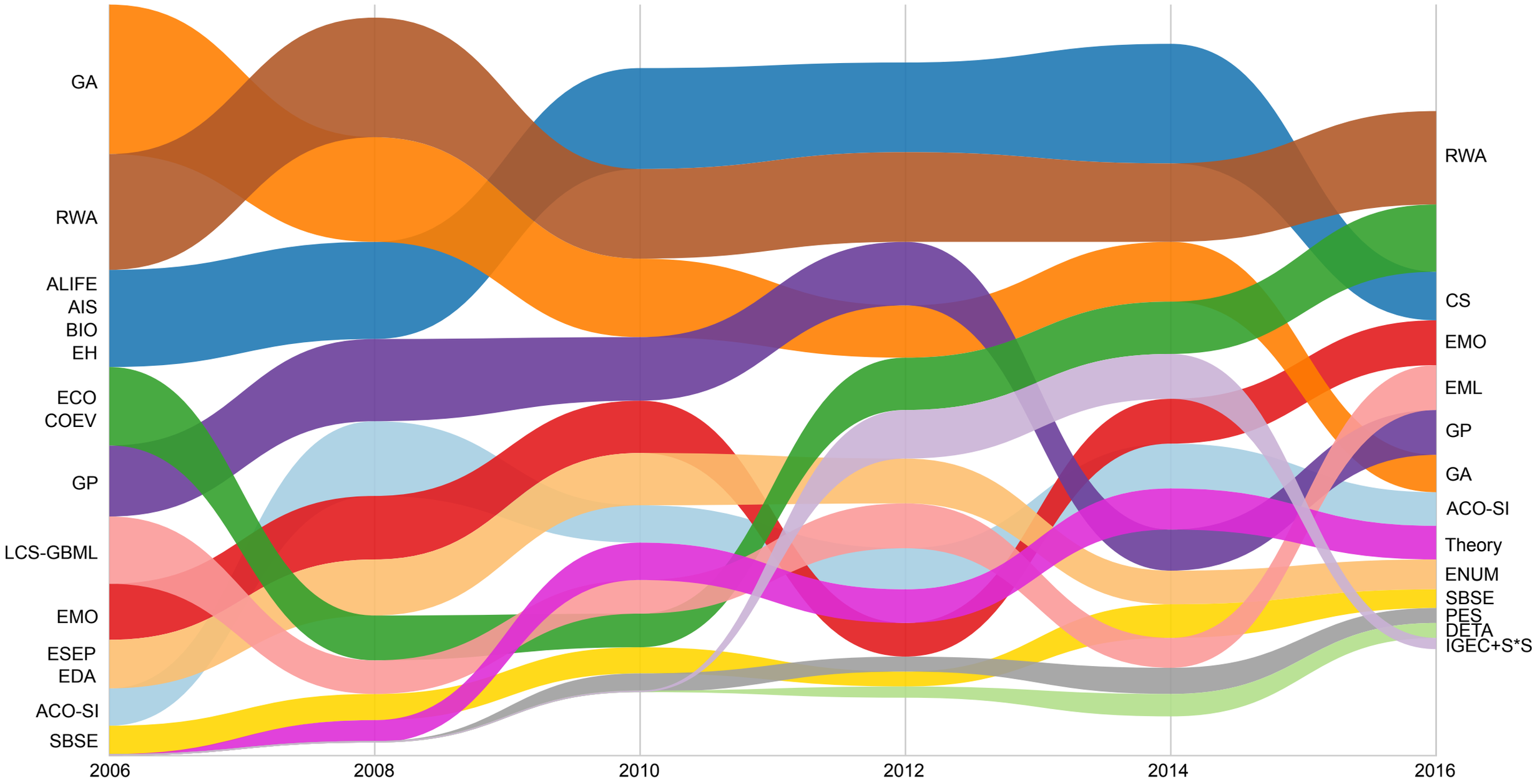
Track dynamics even years



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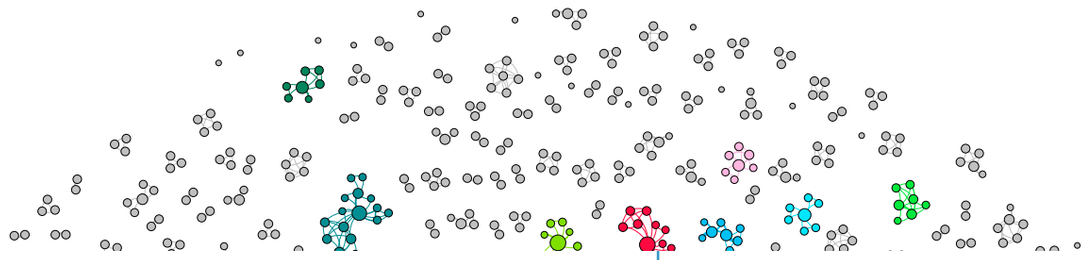
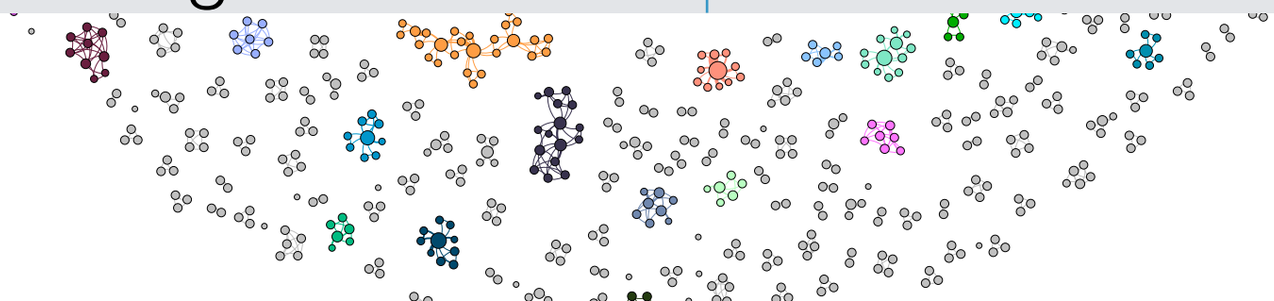
Network metrics 2005 - 2017



total authors	3822
total papers	2614
papers per author	avg = 2.0 max = 40
authors per paper	avg = 2.9 max =12
collaborators per author	avg = 3.7 max = 51
components	504
giant component	1963 (51%)
2nd largest component	26 (0.7%)
distance	avg = 7.3, max =15.1
clustering coefficient	0.4



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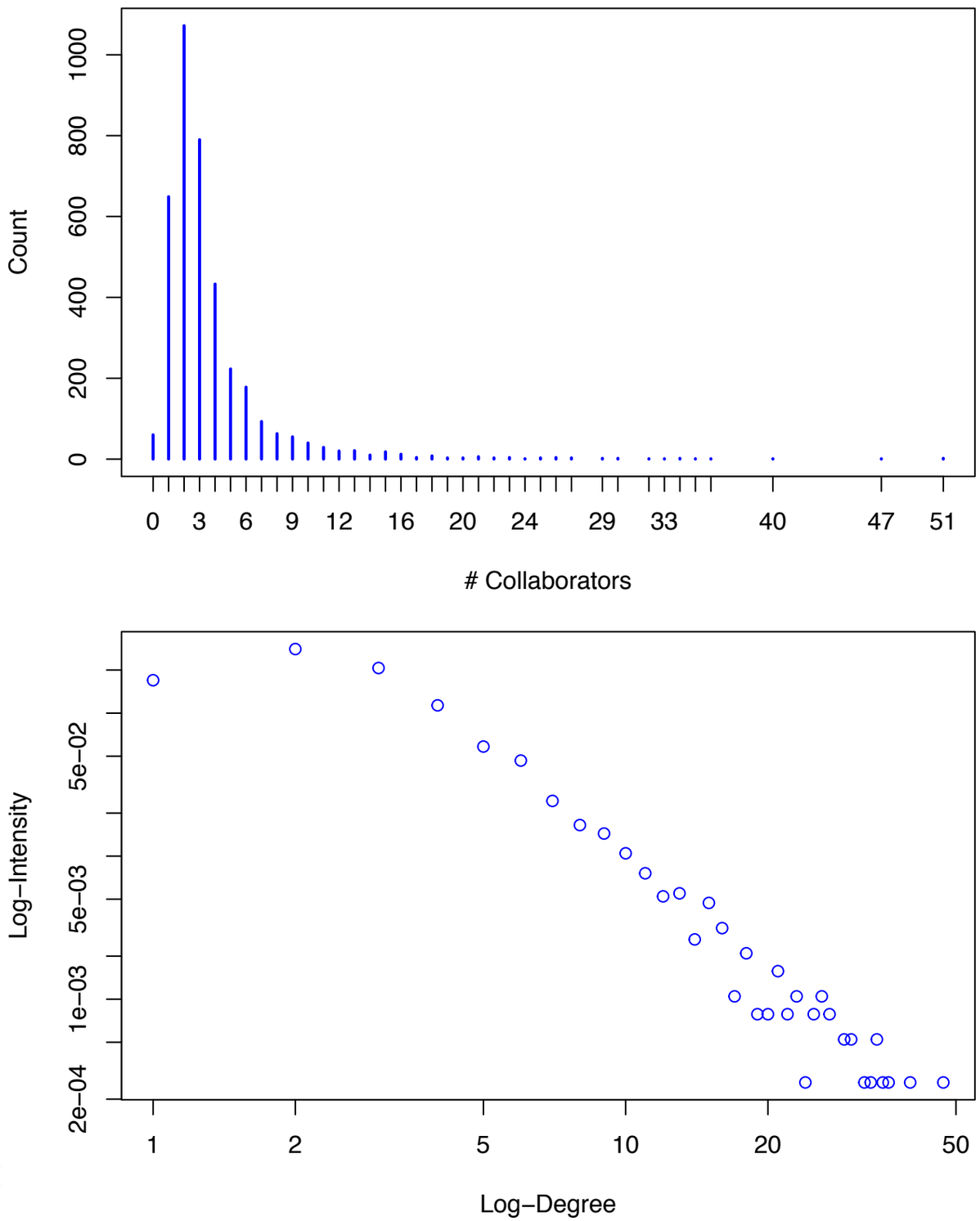
Collaborators per author

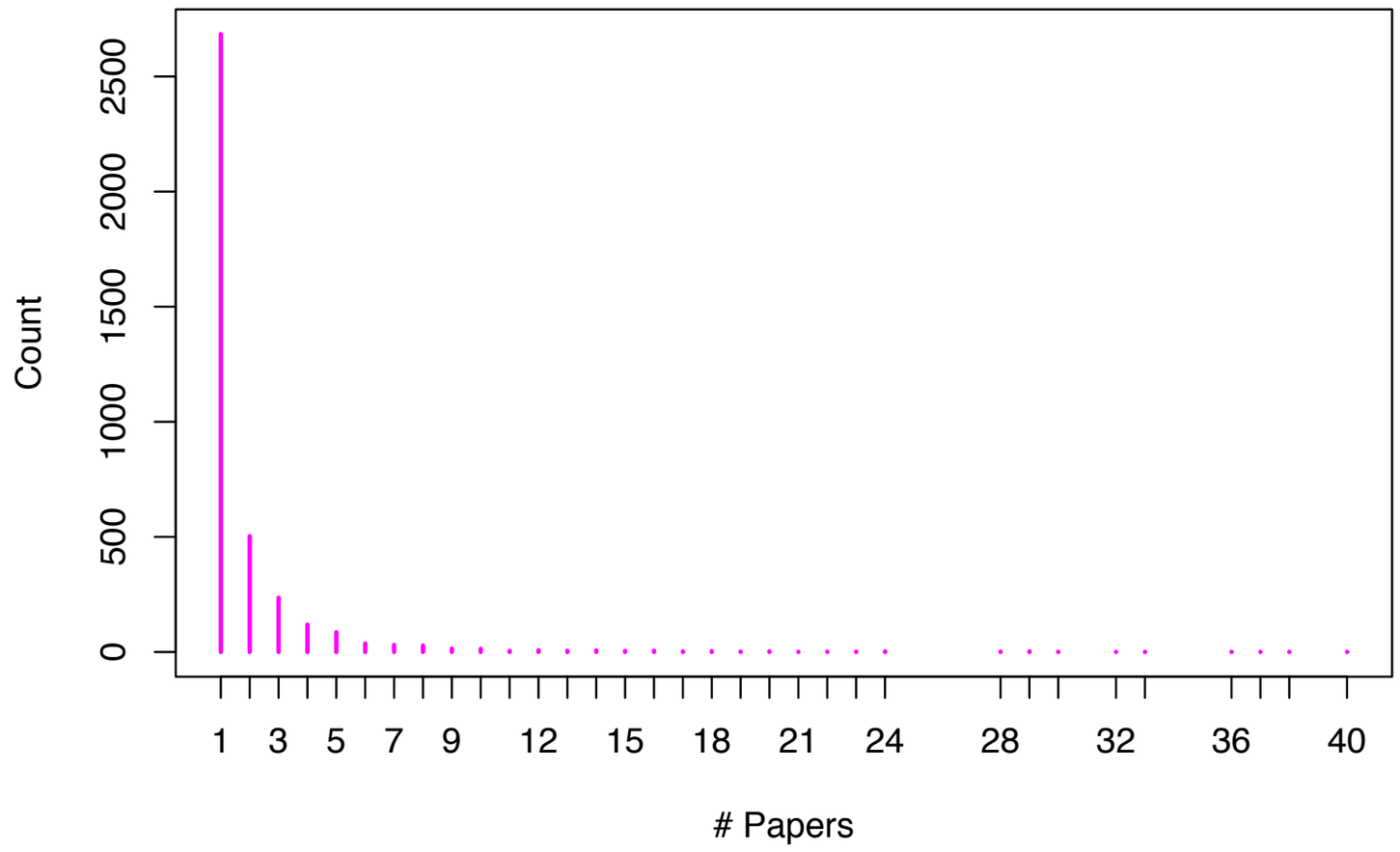
2005 - 2017



51: K. Deb, F. Neumann
47: R. Miikkulainen
40: M. Zhang
36: E. Alba
35: B. Doerr
34: T. Bäck, D. Sudholt
33: U-M. O'Reilly
32: D.E. Goldberg
30: T. Friedrich, M. O'Neill
29: M. Schoenauer, L. Vanneschi
27: T. Kötzing, D. Whitley, Tian-Li Yu
26: P.A.N. Bosman, M. Harman, K. Krawiec, K. Sastry
25: J. Clune, K.A. De Jong, M. Wagner

Gabriela C

Papers per author 2005 - 2017



Total papers: 3822
Total authors: 2614

40: Mengjie Zhang
38: Frank Neumann
37: Benjamin Doerr
36: Risto Miikkulainen
33: David E. Goldberg
32: Darrell Whitley
30: Enrique Alba
29: Peter A.N. Bosman, Kalyanmoy Deb, Kenneth O. Stanley
28: Martin Pelikan, Dirk Sudholt

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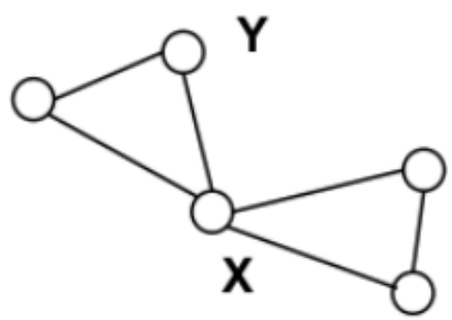
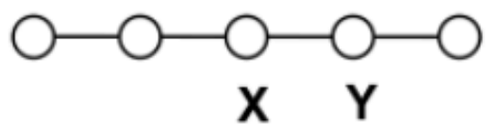
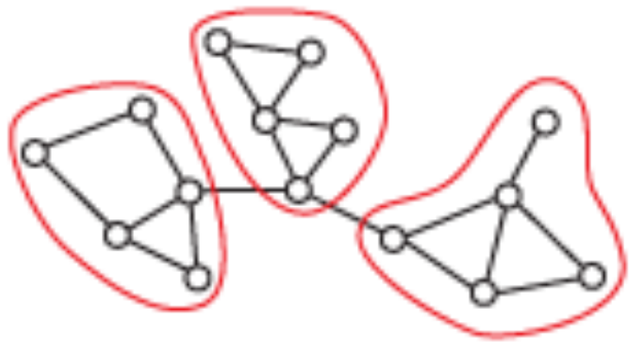
Centrality & communities

- eigenvector – A person who is popular with the popular kids has high eigenvector centrality. Google's page rank is an example

- betweenness – People who connect people who are otherwise separate. If information goes through you, you have a high betweenness score.







community structure – Nodes are joined together in tightly knit groups, between which there are only looser connections.

Online version at:

http://www.cs.stir.ac.uk/~goc/gecco-network/