

7th GECCO Workshop on Blackbox Optimization Benchmarking (BBOB): Wrap-Up

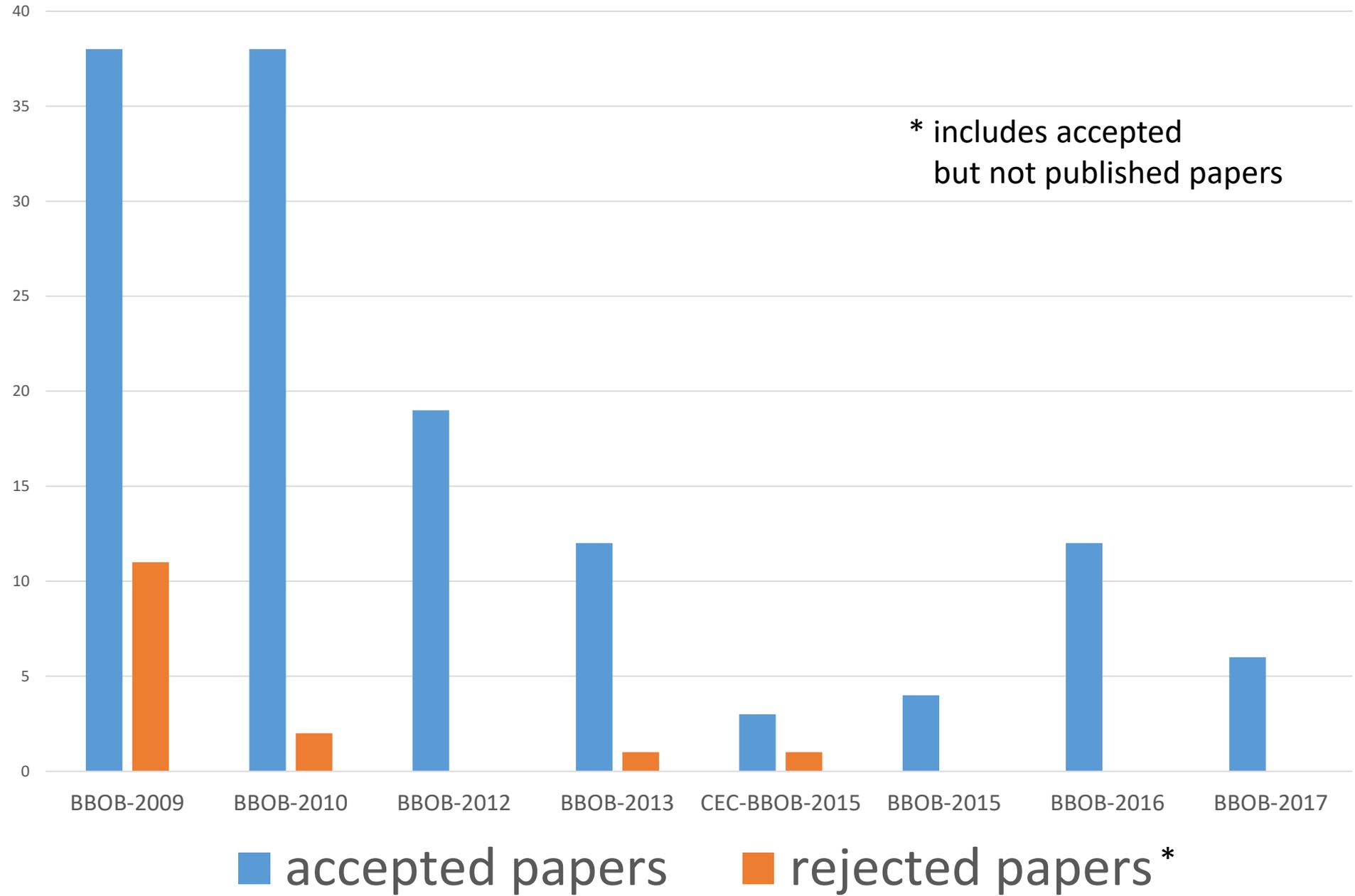
The BBOBies

<https://github.com/numbbo/coco>

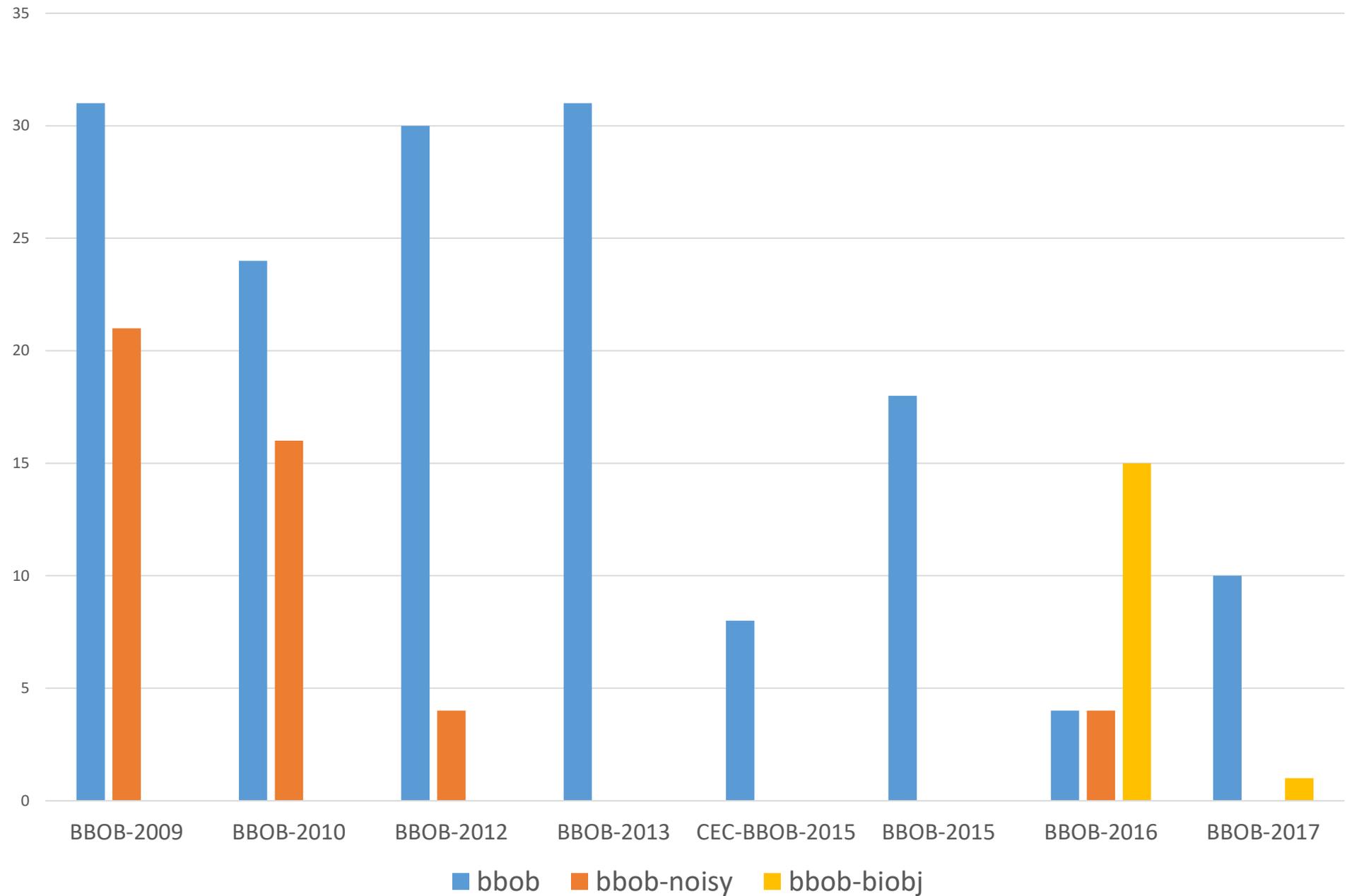
The logo for Inria, featuring the word "Inria" in a red, cursive script font.

INVENTORS FOR THE DIGITAL WORLD

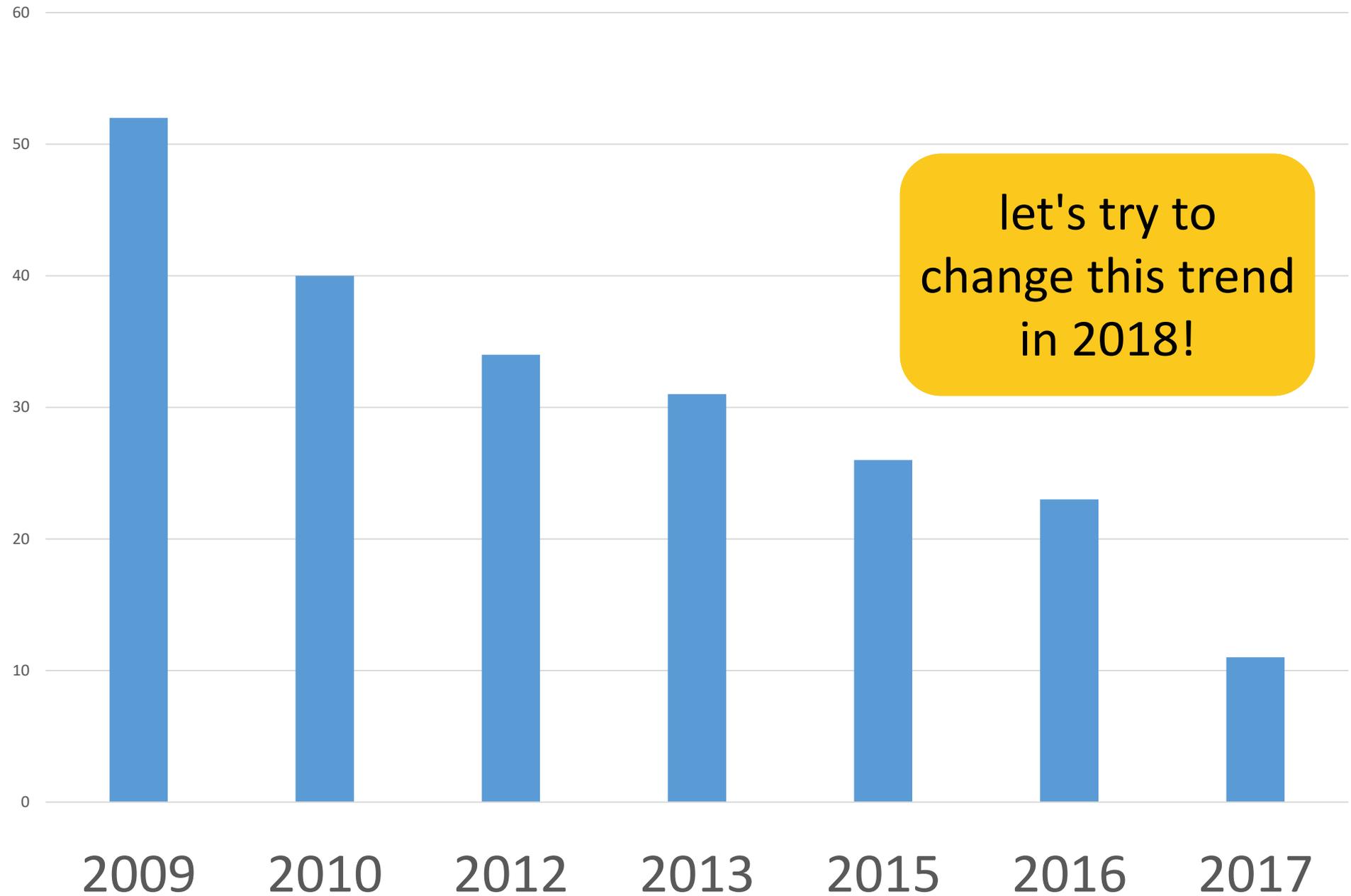
papers



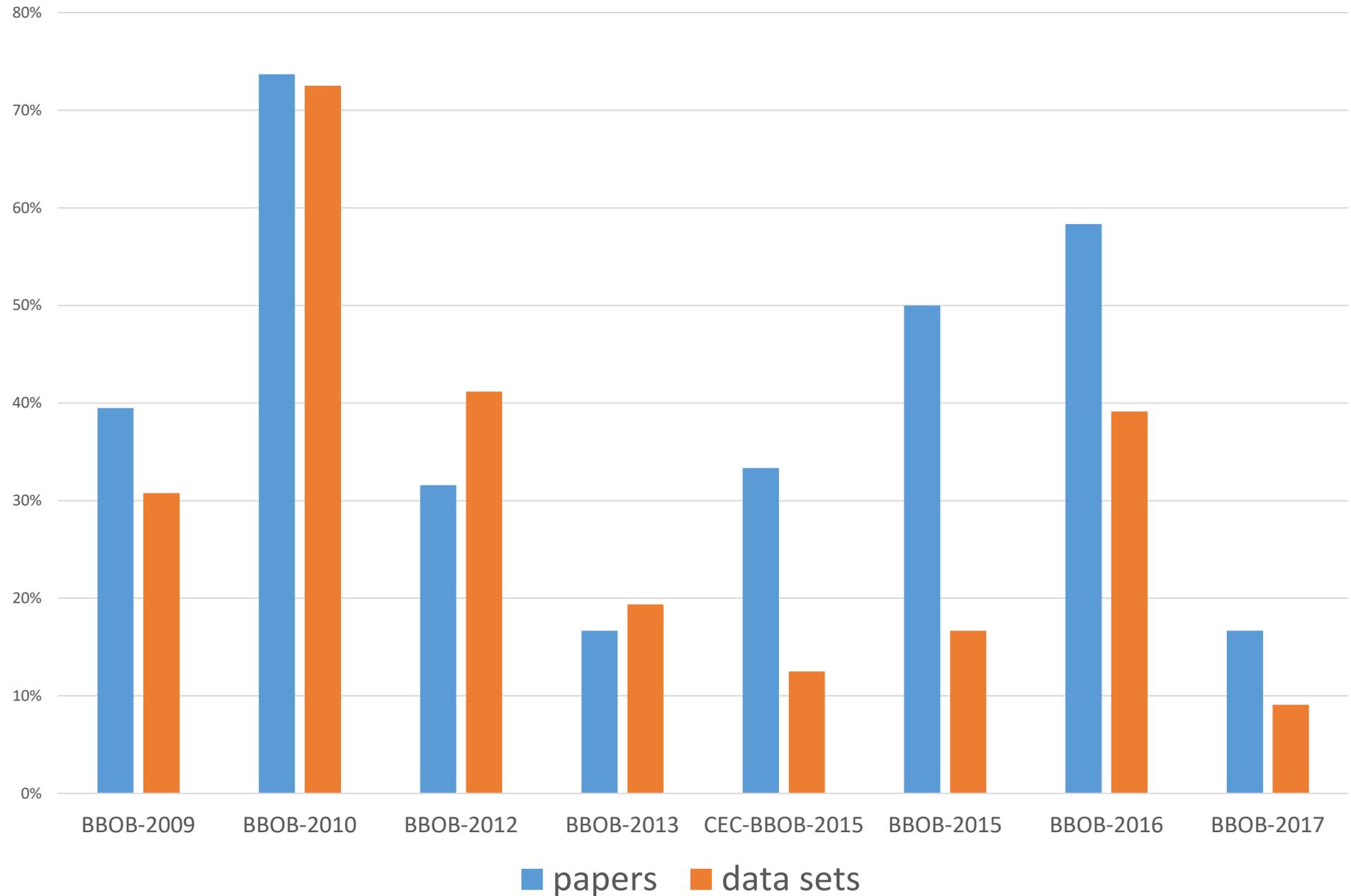
BBOB Submissions (accepted #data sets)



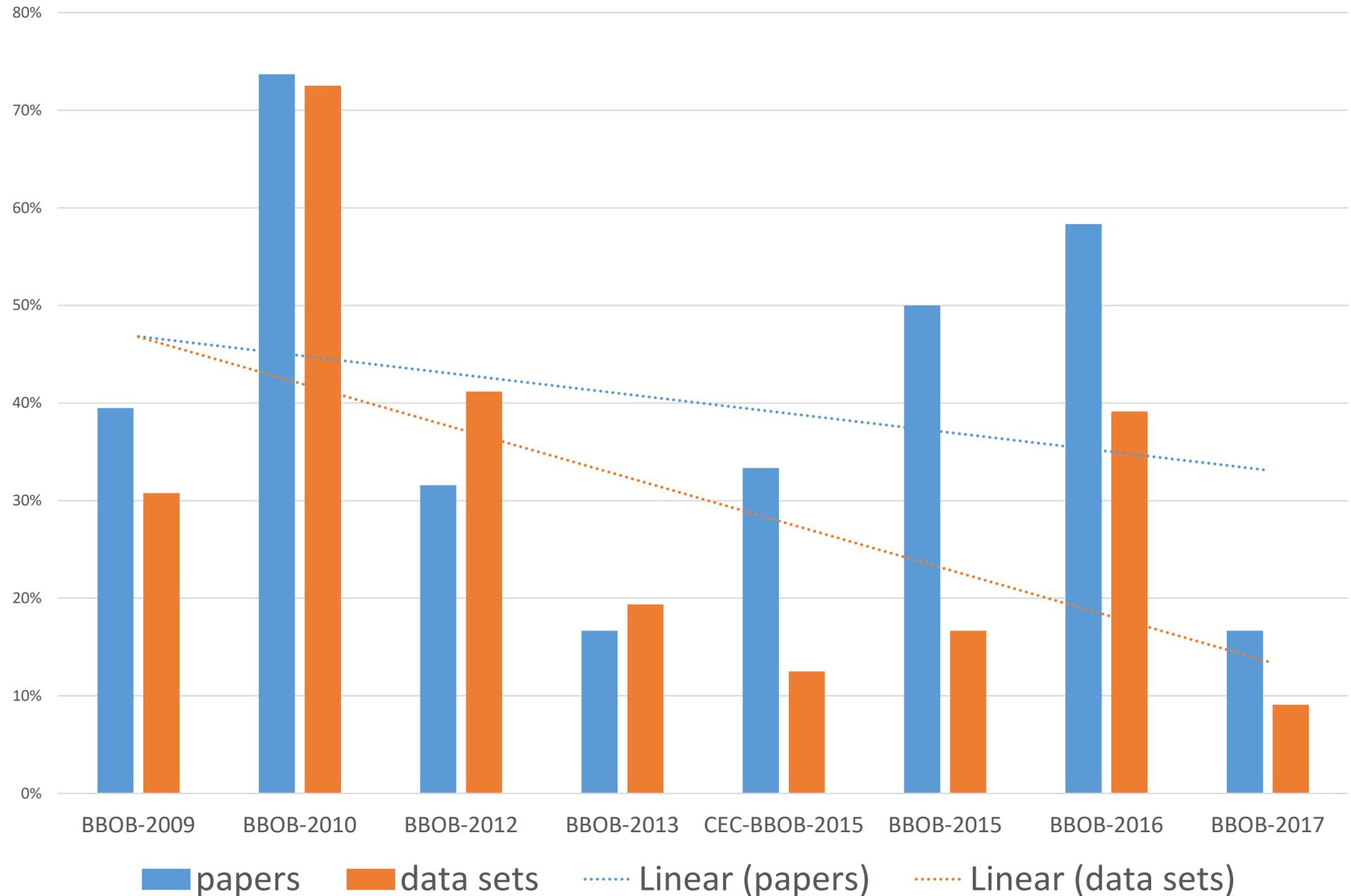
total number of submitted data sets per year



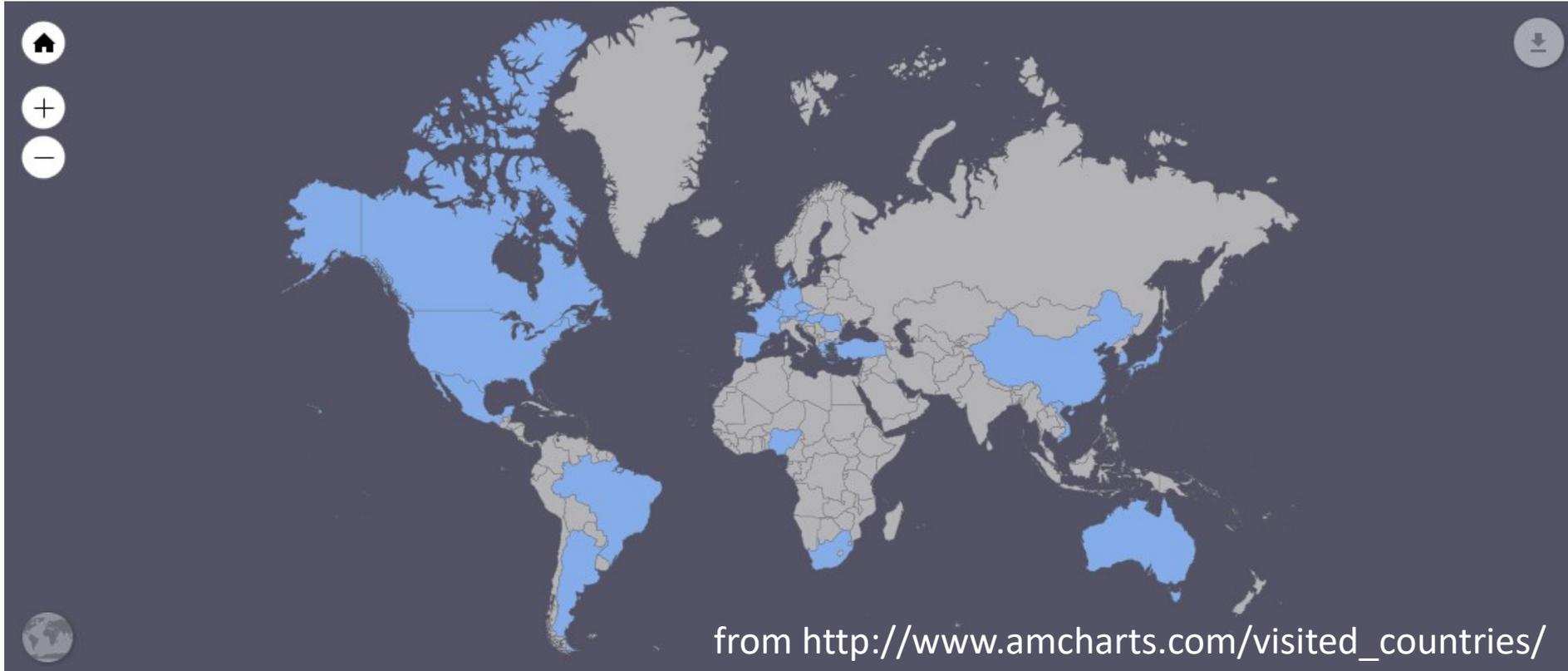
Contributions from BBOB organizers per year



Contributions from BBOB organizers per year



contributors



- 101 authors from 28 countries
- 8 new authors in 2017
- only 17% of all papers and 9% of all data sets in 2017 come from BBOB organizers (record low)

Some more numbers

- 164 issues closed since last GECCO
- "average time to close issues" over all 52 issues closed between 27/04/2017 and 08/07/2017 was 214 days compared to 295 days for the 428 issues closed before that period (-27.5%)
- 19 of the opened and closed issues since last GECCO have been provided by externals
- COCO is used now regularly in teaching students (Master's level, summer school, about 80 this last year)

Some more numbers

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- **many thanks to the COCO community!**

year)

- **please continue or increase your effort!**

now to the results of BBOB-2017

bbob-biobj

bbob

The (near) Future of COCO

- bbob-biobj-ext suite
- bbob-constrained suite
- bbob-largescale suite
- rewriting of postprocessing
 - python 2/3 compatibility
 - more functionality
 - easier use
 - slow move from system shell towards python shell

Open Discussion

- What would you like to do with COCO?
- What would you like to have implemented in COCO?
- How can we increase the number of new data sets?
- Continuous submission of data?