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## About the Cover

# The Polyface of Polymath

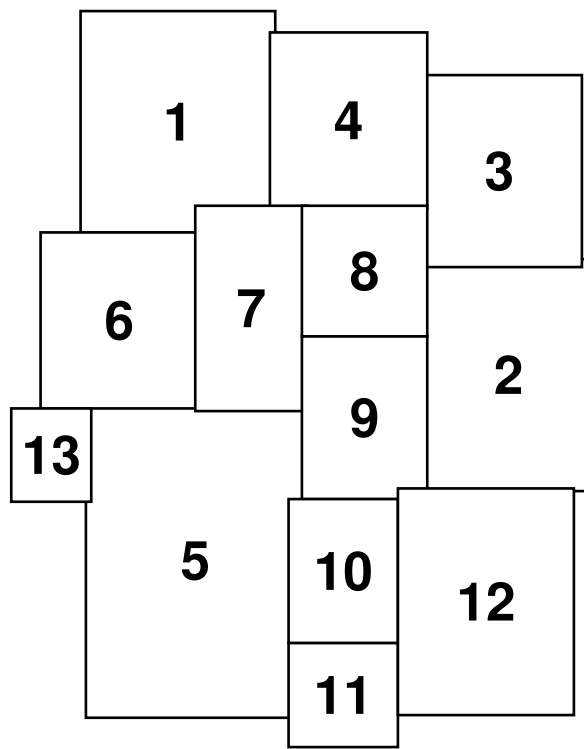
The June/July cover was suggested by John Friedlander's article "Prime Numbers: A Much Needed Gap Is Finally Found" in this issue. The photographs portray thirteen of the fifteen people credited on the webpage [michaelnielsen.org/polymath1/index.php?title=Polymath8\\_grant\\_acknowledgments](http://michaelnielsen.org/polymath1/index.php?title=Polymath8_grant_acknowledgments) as being primary participants of the Polymath8 project that improved dramatically the twin prime gap of Yitang Zhang, through cooperative effort on the Internet.

No significance is to be attributed to sizing or placement of the photographs which, like participation in the project itself, had a largely random component.

The Polymath8 project is the subject of an article in the December 2014 issue of the *Newsletter of the European Mathematical Society*. D. H. J. Polymath is the article's author (!) and it includes extensive comments by several of the participants. Among other things, this article outlines the history of the project. As it indicates, there are many polymath projects, but none apparently quite so successful as this one. We have to ask, what does the future hold along these lines?

The main webpage of polymath is: [michaelnielsen.org/polymath1/index.php?title=Main\\_Page](http://michaelnielsen.org/polymath1/index.php?title=Main_Page)

Most of the photographs were taken by friends, wives, or colleagues: that of Tao was taken by Reed Hutchinson of UCLA, that of Kowalski is an official photograph credited to ETHZ DMATH 2014, that of Sutherland was taken by Nikki Dedekian of Catchlight Images. We thank everybody for supplying pictures.



The cover key above identifies those Polymath8 participants featured on the June/July cover:

- [1] Gergely Harcos, Rényi Institute
- [2] Xiao-Feng Xie, Carnegie Mellon University
- [3] Emmanuel Kowalski, ETH Zürich
- [4] Janos Pintz, Rényi Institute
- [5] Terry Tao, University of California at Los Angeles
- [6] Paul Nelson, École Polytechnique Fédérale de Lausanne
- [7] Andrew Sutherland, Massachusetts Institute of Technology
- [8] Pace Nielsen, Brigham Young University
- [9] Philippe Michel, École Polytechnique Fédérale de Lausanne
- [10] James Maynard, Oxford University
- [11] Aubrey de Grey, SENS (Strategies for Engineered Negligible Senescence) Research Foundation
- [12] Étienne Fouvry, Université Paris-Sud
- [13] Wouter Castryck, Katholieke Universiteit Leuven

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