A semester-long program on **Algorithmic Challenges in Genomics** will be held at the Simons Institute for the Theory of Computing in UC Berkeley in Spring 2016. The program will include core faculty and research fellows (postdocs) staying at the Institute for a whole semester of collaborative research. Four focused workshops will bring in additional experts for extensive discussions and exchanging ideas.

**Students, postdocs, and junior independent researchers** (up to 6 years post-PhD) can apply for research fellows and will be funded for the semester. The deadline for applications is **December 15, 2014.**

Additional information:

[Simons Institute website](http://simons.berkeley.edu/fellows2015)

[Research Fellowships information and application instructions](http://simons.berkeley.edu/fellows2015)

[The Algorithmic Challenges in Genomics program web page](http://simons.berkeley.edu/programs/genomics2016)

Organizers: Ron Shamir (Tel Aviv University; chair), Ming Li (University of Waterloo), Lior Pachter (UC Berkeley), Pavel Pevzner (UC San Diego).

Long-term participants (partial list, including organizers): Nadav Ahituv (UCSF), Serafim Batzoglou (Stanford), Martha Bulyk (Harvard), Colin Collins (UBC), Dan Gusfield (UC Davis), Ming Li (Waterloo), Lior Pachter (UC Berkeley), Pavel Pevzner (UC San Diego), Katherine Pollard (UCSF), Teresa Przytycka (NCBI), Ben Raphael (Brown), Daniel Rokhsar (UC Berkeley), Cenk Sahinalp (Simon Fraser and University of Indiana), Ron Shamir (Tel Aviv), Roded Sharan (Tel Aviv), Mona Singh (Princeton), Donna Slonim (Tufts), David Tse (Stanford), Erik van Nimwegen (Basel), Martin Vingron (Max Planck Institute), Michael Waterman (USC), Limsoon Wong (NUS), Nir Yosef (UC Berkeley).

Workshops:

Algorithmic Challenges in Genomics Boot Camp

Computational Cancer Biology

Regulatory Genomics and Epigenomics

Network Biology