# Mass collaboration
# (05-02)

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# Initial sequencing and analysis of the human genome

**International Human Genome Sequencing Consortium**[*]

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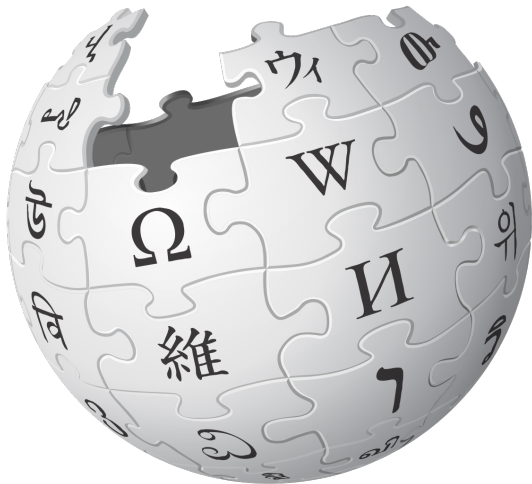
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# Physics paper sets record with more than 5,000 authors

**Detector teams at the Large Hadron Collider collaborated for a more precise estimate of the size of the Higgs boson.**

http://www.nature.com/news/physics-paper-sets-record-with-more-than-5-000-authors-1.17567

https://commons.wikimedia.org/wiki/File:The_Earth_seen_from_Apollo_17.jpg

# mass collaboration

## human computation

Examples:
- Galaxy Zoo
- Crowd-coding
political manifestos

## open call

Examples:
- Netflix Prize
- FoldIt
- Peer-to-Patent

## distributed data collection

Examples:
- eBird
- PhotoCity
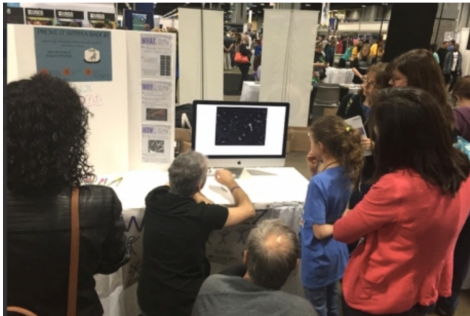- Malawi journals project

# CORNELLCHRONICLE

## Online game invites public to fight Alzheimer's

By Syl Kacapyr
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A new online game is inviting members of the public to look under a virtual microscope and contribute directly to Alzheimer's disease research at Cornell.

Stall Catchers, a game launched this week by the Human Computation Institute (HCI), challenges users to scroll through short, black-and-white videos and search for clogged blood vessels within a highlighted area. Points are earned as more vessels are identified. "It's open to people of all ages. We have even seen some 8-year-olds beat their parents at this game," said Pietro Michelucci, director of HCI.



Human Computations Institute/Provided

Participants at the USA Science & Engineering Festival in Washington, D.C., trying an early version of an EyesOnALZ game.

http://stallcatchers.com/

Collaborators not cogs

Collaborators not cogs
Ornithology and astronomy are examples

- Is this really research?

- Is this really research?
- Does this enable new research?

- Is this perfect?

- Is this perfect?
- Is this better than we can do without mass collaboration?

- Is this impossible?

- Is this impossible?
- Is this possible?

Is this relevant to graduate students?

Questions? Comments? Ideas? Suggestions?