Human-Computation in Internet

Weiwei Cheng
Before we start...

- Weiwei Cheng
  Computer Science PhD student from Uni. Marburg
  Check [www.chengweiwei.com](http://www.chengweiwei.com) for info.

- This talk is NOT about my research, nor yours.
  It is actually the opposite of our research.
The best food is

American food
French food
German food
Chinese food

The information is reliable only if there is no SPAM!
Verify Your Registration

* Enter the code shown:  

More info

This helps Yahoo! prevent automated registrations.

Terms of Service

Please review the following terms and indicate your agreement below.

1. ACCEPTANCE OF TERMS
Yahoo! Inc. ("Yahoo!") welcomes you. Yahoo! provides its service to you, subject to the following Terms of Service ("TOS"), which may be updated from time to time without notice to you in our sole discretion.

By clicking "I Agree" you agree and consent to (a) the Yahoo! terms and Privacy Policy, and (b) receive required notices from Yahoo! in electronic form.

I Agree  I Do Not Agree

Code verification technology developed in collaboration with the Captcha Project at

"CAPTCHA"
CAPTCHA

A program that can generate and grade tests that:

- Most humans can pass
- Current computer programs cannot pass

Prof. Luis von Ahn from CMU
“Help! I’ve been waiting for 20 minutes, and nothing happens.”
Verify Your Registration

* Enter the code shown: 

More info

This helps Yahoo prevent automated registrations.

RESTART

Terms of Service

Please review the following terms and indicate your agreement below. Printable Version

1. ACCEPTANCE OF TERMS
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I Agree  I Do Not Agree

Verification technology developed in collaboration with Carnegie Mellon University
Roughly 200 million CAPTCHAs are typed every day
10s of human time per CAPTCHA
That is: \(500,000\) hours every day!
The royal palace at Friedericheberg took fire last night. The King himself directed the operations for extinguishing the fire. The whole structure was, however, destroyed.
Scaned book

word that OCR can't read

randomly distorted image of word

Type the two words:
Security Check

Type both words separated by a space below

excellent  yes

The Security Check allows us to:

Ensure Fair Access to Tickets
Automated programs known as "Bots" cannot read distorted text as well as humans. The Security Check helps prevent automated programs from blocking other customers from getting tickets.

Digitize Books One Word at a Time
By entering the words in the box, you are also helping to digitize books from the Internet Archive and preserve literature that was written before the computer age.

Provide an Audio Option for Visually Impaired Customers
An audio option allows visually impaired customers to hear a set of 8 digits that can be entered instead of the word challenge.

You do not have permission to access this website if you are using an automated program.

Continue

Security Check provided by reCAPTCHA, © Carnegie Mellon University, all rights reserved.

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Sign Up to Party for Change

Sign up to host your own Party for Change or sign up to attend one in your area.

Username
Password
Password (again)
Zip Code
Email Address

Type the two words:
The New York Times

Years 1851-1980 is completed in 11 months.

400,000,000
(6% of the world’s population)
Take home message

- The concept of human-computation
- CAPTCHA fights with internet spam
- reCAPTCHA fights with spam & helps digitizing books

Think differently!!