# What's new at arXiv?
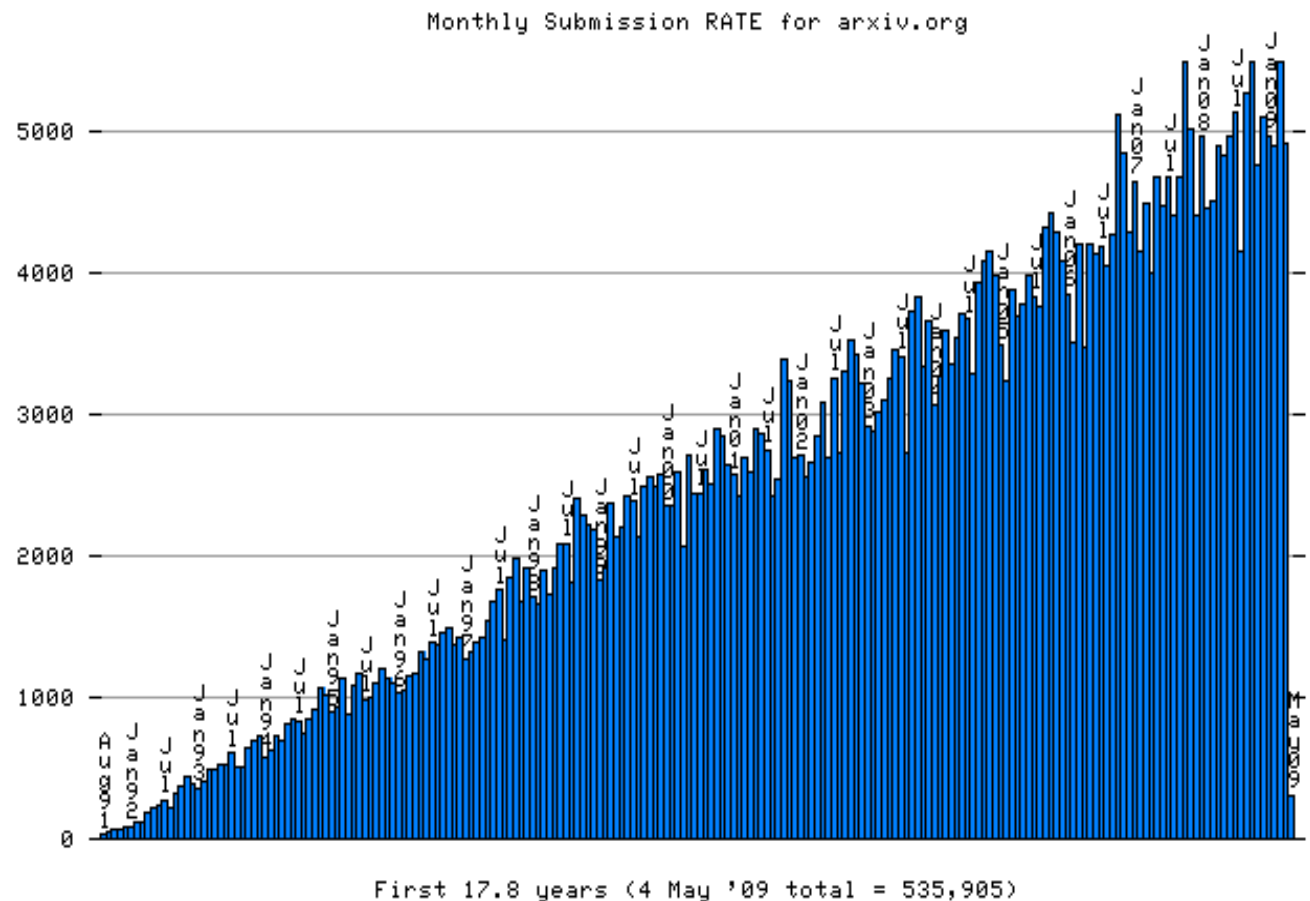
Simeon Warner
Paul Ginsparg
Thorsten Schwander

# Stats

- Passed 500k articles Oct 2008, 2^19 Feb 2009
- Rate graph *still* showing linear increase

Monthly Submission RATE for arxiv.org
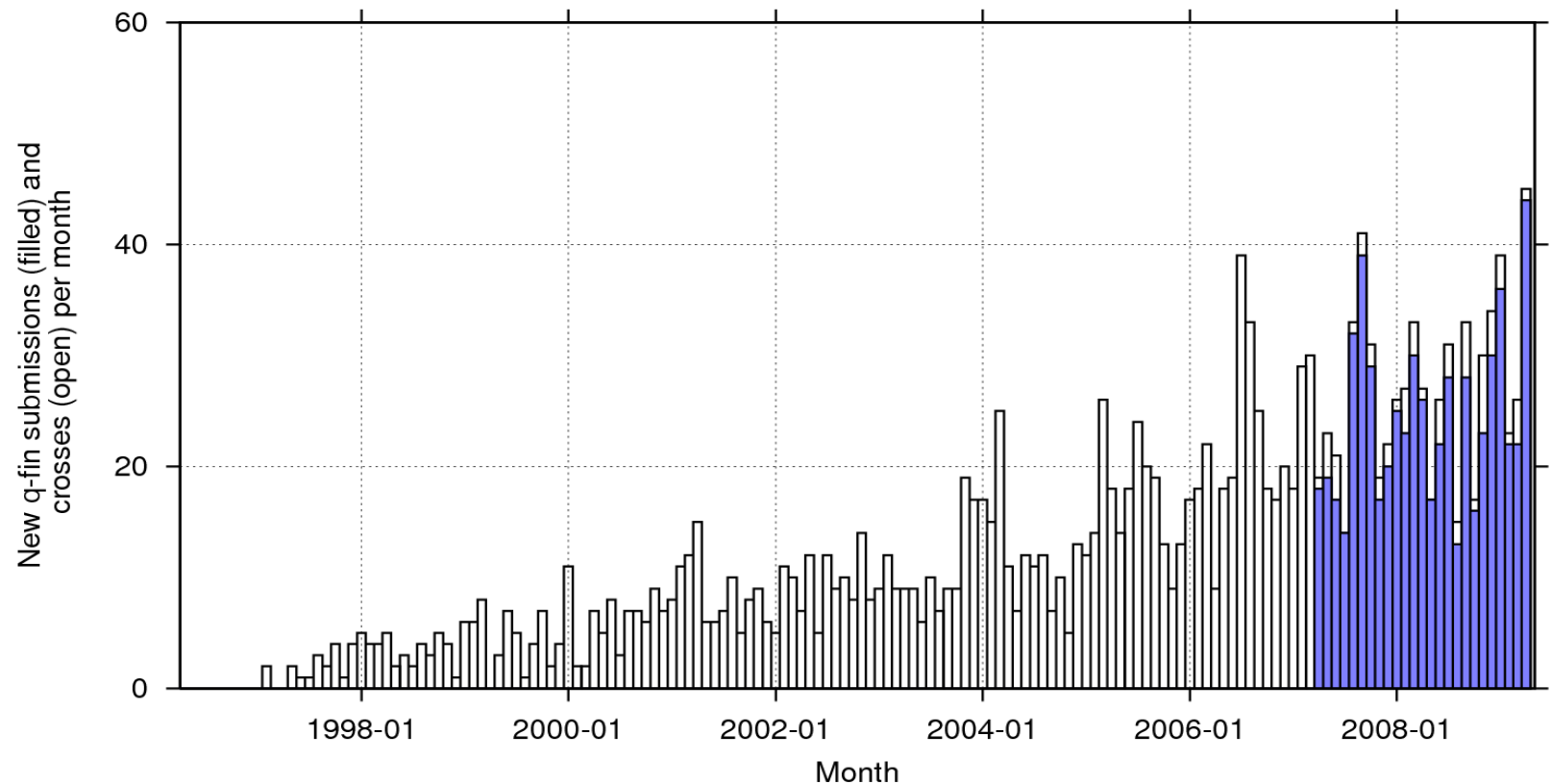
First 17.8 years (4 May '09 total = 535,905)

# Subject area changes

- Split astro-ph
- Launched q-fin
-

# Quantitative Finance

- Created q-fin Dec 2008, preseeded with 1700 existing submissions, 7 sub-categories

- Content had been going to physics, cond-mat, nlin, math

asrto-ph.CO

# arXiv API

- http://arxiv.org/api
  - inspired by NCBI Entrez but simpler
  - simple query syntax (GET or POST)
  - search + date/update + similarity
  - Atom responses
- Online since December 2007
- Some interesting uses

# Support for DOCX

- MS funded work
- Have web service to do
  - DOCX validation
  - DOCX -> PDF
  - DOCX -> plain text
- Will store both DOCX and processed PDF
- Intend to support ODF in similar way

# Automated ingest / SWORD

- Project with Microsoft CMT team

- Automate upload of conference proceedings

- Especially important in CS

- Will promote to other conference management systems

- Working on support for notion of collection (a proceedings, an issue etc.)

# New submission system

- New programmer (Gerda Shank) working on complete rewrite of submission system
- Upload document first so can plug in metadata extraction and classification tools
- Will put online with "pending" queue
- Expected by end 2008

# Social Networking

- Trying to work out what to do… would love to discuss with YOU
    - likely promote bookmarking
    - better support blogging
    - "my papers" plugin for Facebook?