The "why" of email research

In this visualization, I try to record where the major research areas are for in email research.

This is the "why" of the research. Ask yourself what motivated the researcher to write the paper; that gives you the overall topic area. Then within that topic area, what they wrote about.

TOPICS, NOT PAPERS

Papers often do not fit into one hierarchical set of categories, like "personal information management" -> "HCI". The same paper could be there, and in "classificaition" and in "task management" -> "workflow".

I guess that I'm not trying to fit a paper into one bin; more like I'm trying to see what topics are being looked at.

* A Google Scholar search for "allintitle: email" returns 9230 matches. A lot of these are duplicates or just wrong, probably 70%

* A Google Scholar search for "allintitle: "electronic mail"" returns 3230 matches

* A Citeseer search for "email" via google returns ~13,000 matches. Again, most are duplicates or just wrong.

* A ieee Xplore search returns 670 papers

email body/corpus analysis

if the goal of the paper is to describe a method for analyzing email bodies or corpora, it goes here. If it is about using such analysis to achieve a goal, it goes somewhere else.

this is about developing text_analysis methods to detect spam, as opposed to studying spam or developing policies or protocols

as technology: how can we use it?

if the paper is discussing e-mail as as a tool in another context, or as an information system (from a management point of view, for example), then it is an "as technology" paper.

as phenomenon: how is it being used?

if the paper is investigating e-mail as an aspect of a larger issue (in the context of a historical event; to illuminate how a particular group or activity uses email), then it is an "as phenomenon" paper.

this is about studying spam or about using policy to control spam, as opposed to developing text analysis methods to detect spam

Most interruptions have to do with task management or communication -- should it be here?

personal information management
email body/ corpus analysis
mobile email
task management
security
as technology
as phenomenon
communication
information overload
archive management
machine learning
summarization
agents
categorization
for a specific persona: e.g. student
regulatory compliance
records management
classification/ filtering
visualization
HCI
social network analysis
searching
usage analysis
collaborative filtering
spam
genre detection
corpus analysis
classification
parsing
semantic email
summarizing
mailing lists
groupware
message tagging
open source software
collaboration
agents
knowledge sharing
organizational memory
via log analysis
community
communication effectiveness
improving use of
workflow
compared to other channels
lurking
adoption/ acceptance
technical limitations
user evaluation
e-learning/IT assisted learning
telemedicine
for research
surveys
interviews
marketing
user profiling
in other contexts
in a legal context
in a historical context
impact
interruptions /productivity
stress caused by email
corpus analysis
use by particular groups
on organizatinal hierarchy
on teamwork
doctors, lawyers, etc.
managers vs. workers
genders
supporting teachers
mentoring distance learning
multiple device usage
Gmail GTD
Outlook GTD
automatic replies
phishing
spam
viruses/worms
privacy
trust
anonymity
encryption
certified email
HCI