Finding Articles, Patents, and Standards

**Engineering Library Homepage**
library.columbia.edu/locations/engineering.html

**Finding Articles**

**Article databases and indexes** – full text content, citations and abstracts
- Engineering Village
- Web of Science
- CLIO / LWeb

**Columbia’s licensed e-journal collections**

**Columbia’s print journal collections**
- Offsite collections @ ReCap

**If we don’t own it** – ILL (Interlibrary Loan)

**Finding Patents**

**Patents, Standards, and Reports**
library.columbia.edu/locations/engineering/patents.html

**Google Patent Search**
www.google.com/patents?hl=en

**Espacenet**

**Derwent Innovations Index**
www.columbia.edu/cgi-bin/cul/resolve?AUL4112

**Patent Search Basic Strategy:**
Step 1: Keyword search in Patent Index
Step 2: Identify important classifications
Step 3: Search granted patents and/or patent applications
Step 4: Review documents
Step 5: Check cited and citing references
Step 6: Repeat from Step 3.
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Finding Standards

What?
According to International Organization for Standards (ISO):
A standard is a document that provides requirements, specifications, guidelines, or characteristics that can be used consistently to ensure that materials, products, processes, and services are fit for their purpose.

Why?
- Understanding
- Guidance
- Reliability
- Safety
- Quality
- Trust
- Interoperability

When?
The important thing to remember is that standards change. Make sure you pay attention to when the standard was created and if it has been updated. For research purposes, you may be interested in historical standards.

Where?
- IEEE – Institute of Electrical and Electronics Engineers
  www.columbia.edu/cgi-bin/cul/resolve?AQN4436
- NISO – National Information Standards Organization
  www.columbia.edu/cgi-bin/cul/resolve?clio5459659
- W3C – World Wide Web Consortium
  www.w3.org/standards/

Who?
Ellie Ransom – ehr2125@columbia.edu
Jeffrey Lancaster – jeffrey.lancaster@columbia.edu
Jim Crocamo – jc2120@columbia.edu

For more information on Patents, Technical Reports, and Standards:
library.columbia.edu/locations/engineering/patents.html