



Queen Mary

University of London

Science and Engineering

Radiation Detectors (SPA 6309)

Lecture 10

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What is this lecture about?

- Searching for relevant scientific papers

Sources

Don't just use Google, Bing, etc!

Make good use of Web of Science

Can be quicker/better to use a highly relevant journal directly (e.g. *IEEE Trans Nuc Sci* or *Nucl. Instrum Meth. A*)

arXiv does not contain everything!

Don't forget CERN document server

Look to see if there is a high quality review article (see especially the journal *Rep. Prog. Phys.*)

Resources

- Searching for scientific papers (context is radiation detectors).
 - <https://arxiv.org/> arXiv
 - <http://cdsweb.cern.ch/> CERN CDS
 - <https://wok.mimas.ac.uk/> Web of Science
 - <https://iopscience.iop.org/journal/0034-4885> Reports on Progress in Physics
 - https://images.webofknowledge.com/images/help/WOS/A_abrvjt.html Journal abbreviations

Now it is your turn to search

- What was the first paper I was a co-author on?
- Can you find *all* my publications (but only mine 😊)?
- How many papers have the **ATLAS collaboration** published until 31 December 2019?
- Does hafnium (Hf) have any role in radiation detectors?
- What was the tracking detector in the **MICE** experiment?
- What do holography and breath have in common?