

## ACTIVITY: SEARCH DIGITAL LIBRARIES

### 1. SEARCH THE ACM DIGITAL LIBRARY

Enter the ACM Digital Library: <http://dl.acm.org/advsearch.cfm>

- A. Search the author Ion Stoica
  - i. Do “Refine by People” to make sure that the results are from this researcher.
  - ii. Identify the most cited Works.
  - iii. Identify the areas where the researcher worked.
- B. Search for papers in the conference entitled “USENIX Symposium on Networked Systems Design and Implementation (NSDI)”.
- C. Search for papers in the journal “IEEE Transactions on Pattern Analysis and Machine Intelligence”, ISSN: 0162-8828.

### 2. SEARCH THE SCIMAGO JOURNAL & COUNTRY RANK (SJR)

Enter the SJR: <http://www.scimagojr.com/journalrank.php>

- A. Search for the journals with the best classification in the area of *Computer Science*.
- B. Search for the journals with the best classification in the *Subject Category* of *Artificial Intelligence*, in the *Computer Science* area.

### 3. SEARCH THE WEB OF SCIENCE (WOS)

Enter the WoS (you will need to register): <http://webofknowledge.com/>

- A. Suppose you identified the following keywords “cloud computing”, “cloud service”, “public cloud”, “private”.
  - i. Perform a search for these keywords<sup>1</sup>.
  - ii. Limit the search results to “Computer Science” research area<sup>1</sup>.
  - iii. Identify the most cited authors.
- B. Suppose now that the author called Nancy Lynch was mentioned to you as an important author in the area of your work.
  - i. Search for publications by Nancy Lynch (*aka* Lynch N.)
  - ii. Make sure the results are only from the *Research Area* of *Computer Science*<sup>1</sup>.
  - iii. Make sure that the results are from 2010 or later<sup>1</sup>.

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<sup>1</sup> See the reference for the advanced search:

[https://images.webofknowledge.com/WOKRS514B4/help/WOS/hp\\_advanced\\_examples.html](https://images.webofknowledge.com/WOKRS514B4/help/WOS/hp_advanced_examples.html)