



# Classification of journals, conferences, books

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Where we publish our results?



# Research results publication

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- Present the author(s) original contribution
- Addressed to the scientific community to
  - Promote it (“publicity”)
  - Validate
    - Through the reviews before the publication acceptance
    - Through the reviews after the publication (Math/Comp Reviews, ZBL etc)
    - Through citations



# Where we present our work?

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[a possible temporal order]

- To the scientific seminars of the research group
- In technical reports of a known university/research institute or a project
- At conferences, without publication
- In proceedings of conferences, symposiums or workshops
- In journals
- In book chapters (often following an invitation)



# Where we publish?

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- Work in incipient phase (at the beginning) or providing technical details (at the end)-> technical report
- Medium contribution, potentially unfinalized -> present it at a conference
- Important contribution, consistent results -> journal (larger impact, detailed description, reviews that are more careful and deeper)
- Contribution synthesis -> book chapter



# Report, conference or journal?

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## Differences:

1. Publication time
  - Technical report: 1-2 months
  - Conference: 3-12 months
  - Journal: 1-4 years (? Impact in the CS community)
2. Length
  - Technical report: unlimited
  - Conference: 4-10 pages
  - Journal:  $\geq$  8-10 pages (can also be of 40-50 pages)
3. Impact
  - Technical report: reduced impact (internal group reviews -> without quality guaranty)
  - Conference: usually on the event participants (possible to meet the peers from the same field and establish professional relationships for long periods)
  - Journal: large impact, on a specific community (depends also on the journal visibility)



# Journals

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- With impact factor in WoS
- In WoS without impact factor
- Indexed in international databases
- On-line journals
- Romanian journals
- University journals



# Why WoS? Impact factor!

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- Reflects the number of citations
- Reflects the fact that the journal is readed
- High number of submissions with the hope of the high impact on the scientific community

ISSN – international no. to identify a journal

ISBN – international no. to identify a book



# International databases

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- Sources to search for a certain contribution
- Sources for measuring the research activity and its impact
- Ex:
  - Scopus
  - DBLP.uni-trier.de
  - IEEE Xplorer
  - ACM portal





# Differences between conferences

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- See CORE classification
- Differences:
  - Topics
  - Rate of acceptance
  - Proceedings publisher
    - ACM
    - Springer: LNCS, LNAI
    - IEEE Computer Press
    - Publication in a journal of the selected papers
    - Publication in a proceedings with ISBN (potentially indexed)
    - Publication in a proceedings of a specific institution



## NOT-to-do

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- Certain conferences are allowing the publication without presence
  - The audience should be the main reviewer
  - The professional ethics request that you defend your work in front of experts
- Certain conferences are organized in exotic places and during holidays
  - E.g. Egypt, 27-31 December



# Invited talk @ conference

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- Based on invitation
- Present a synthesis of the most recent and innovative results in the topics in which the speaker is considered an expert
- The original contribution consists in :
  - General image of the field
  - Critical debate on the latest achievements
  - Identification of the open problems and trends
  - A study material for tutorials