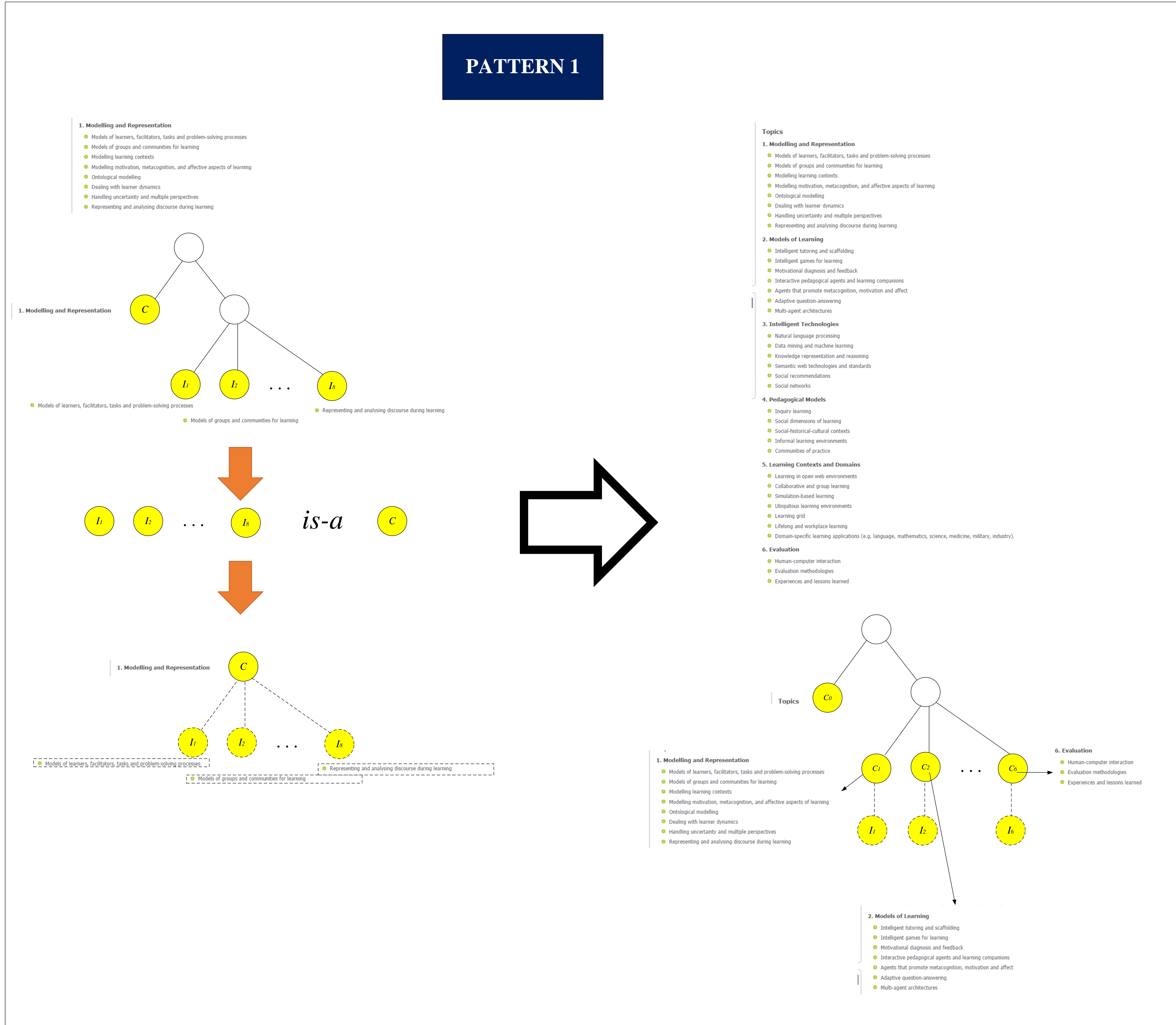
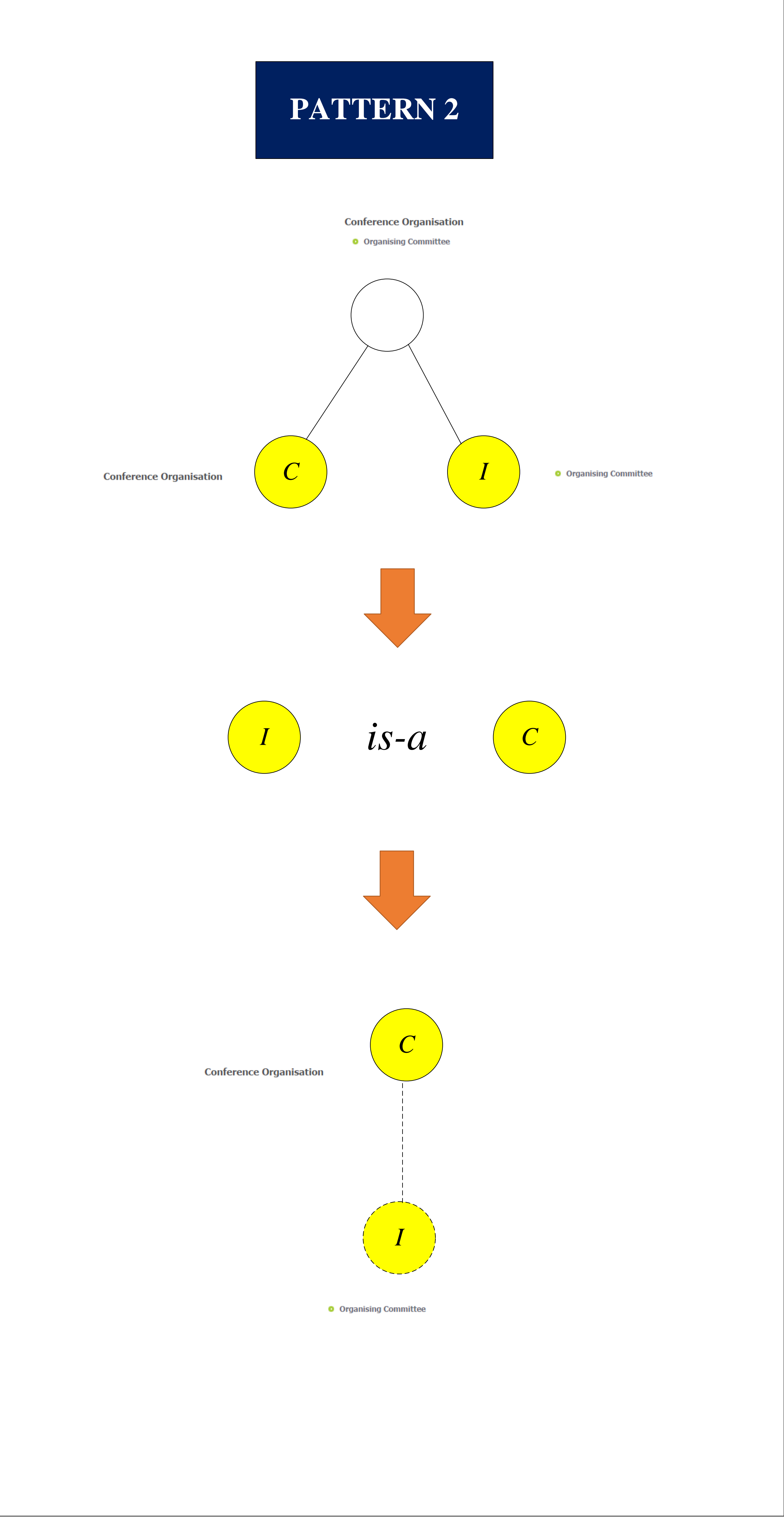


Is-a Relations Learning

PATTERN 1



PATTERN 2



PATTERN 3

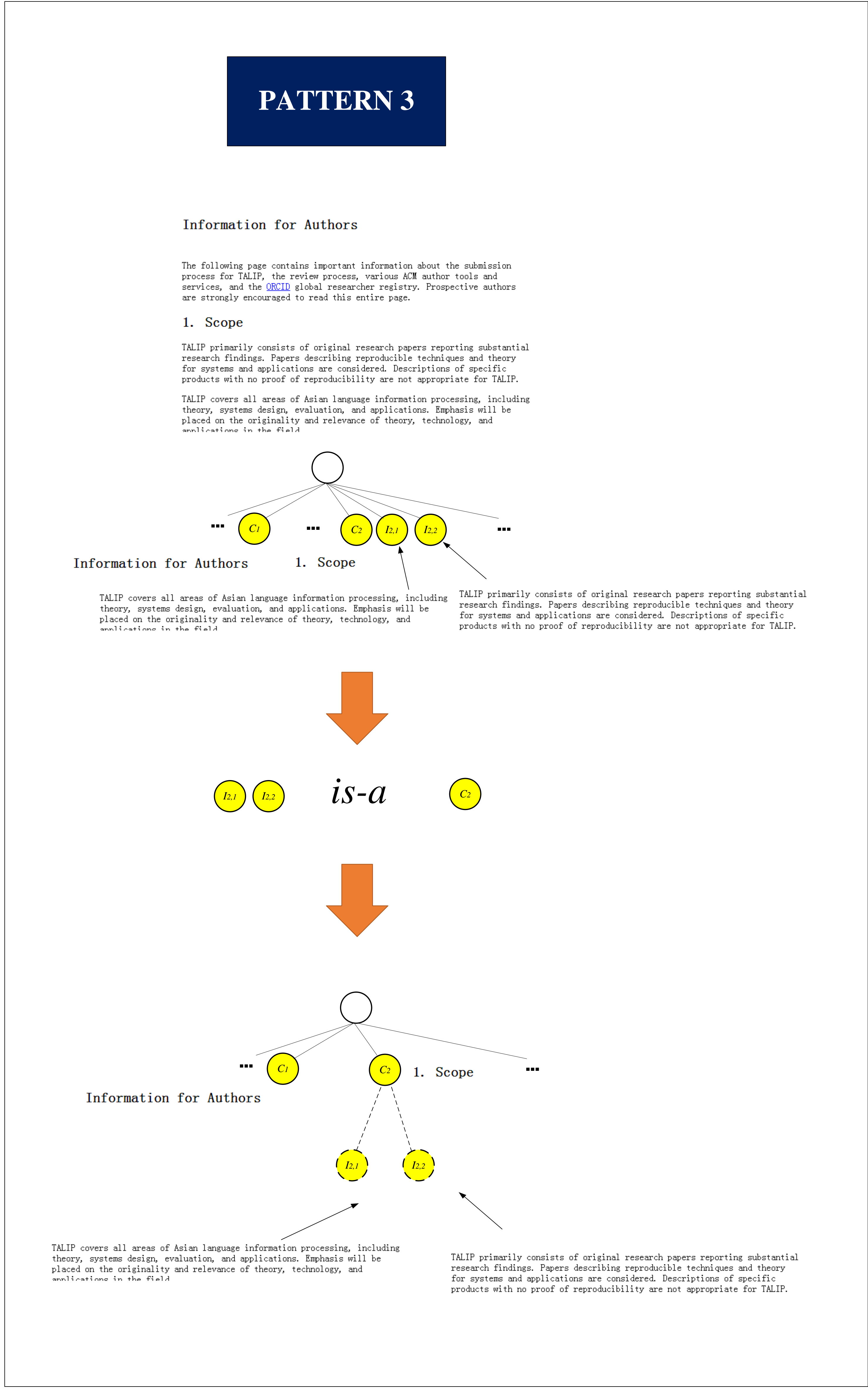
Information for Authors

The following page contains important information about the submission process for TALIP, the review process, various ACM author tools and services, and the ORCID global researcher registry. Prospective authors are strongly encouraged to read this entire page.

1. Scope

TALIP primarily consists of original research papers reporting substantial research findings. Papers describing reproducible techniques and theory for systems and applications are considered. Descriptions of specific products with no proof of reproducibility are not appropriate for TALIP.

TALIP covers all areas of Asian language information processing, including theory, systems design, evaluation, and applications. Emphasis will be placed on the originality and relevance of theory, technology, and applications in the field.



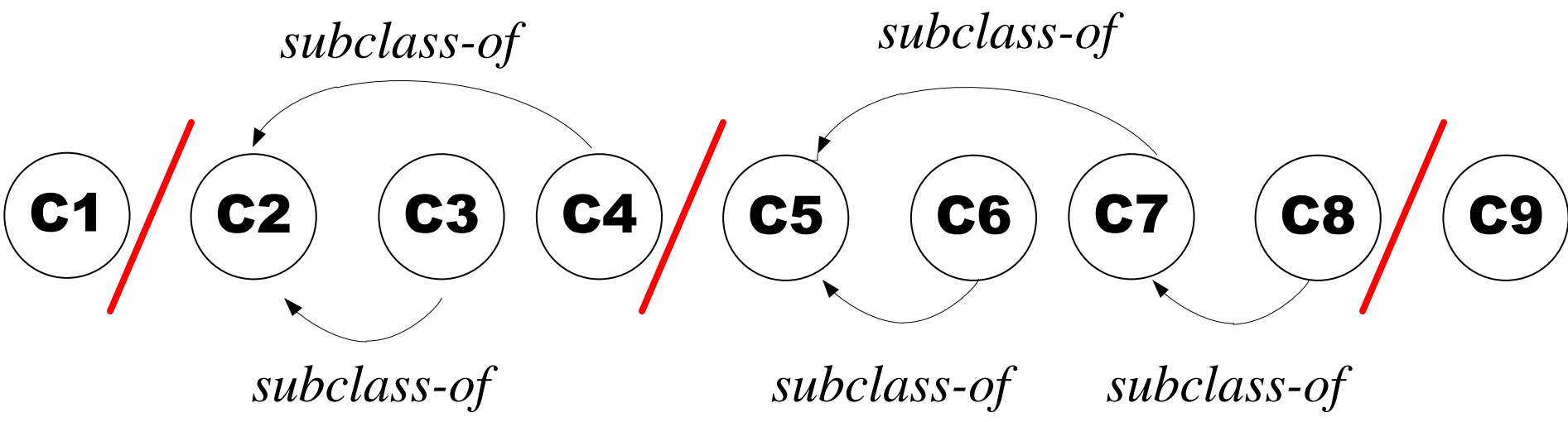
Subclass-of Relations Learning

Basic Idea: Subset Partition

subclass-of relations learning:

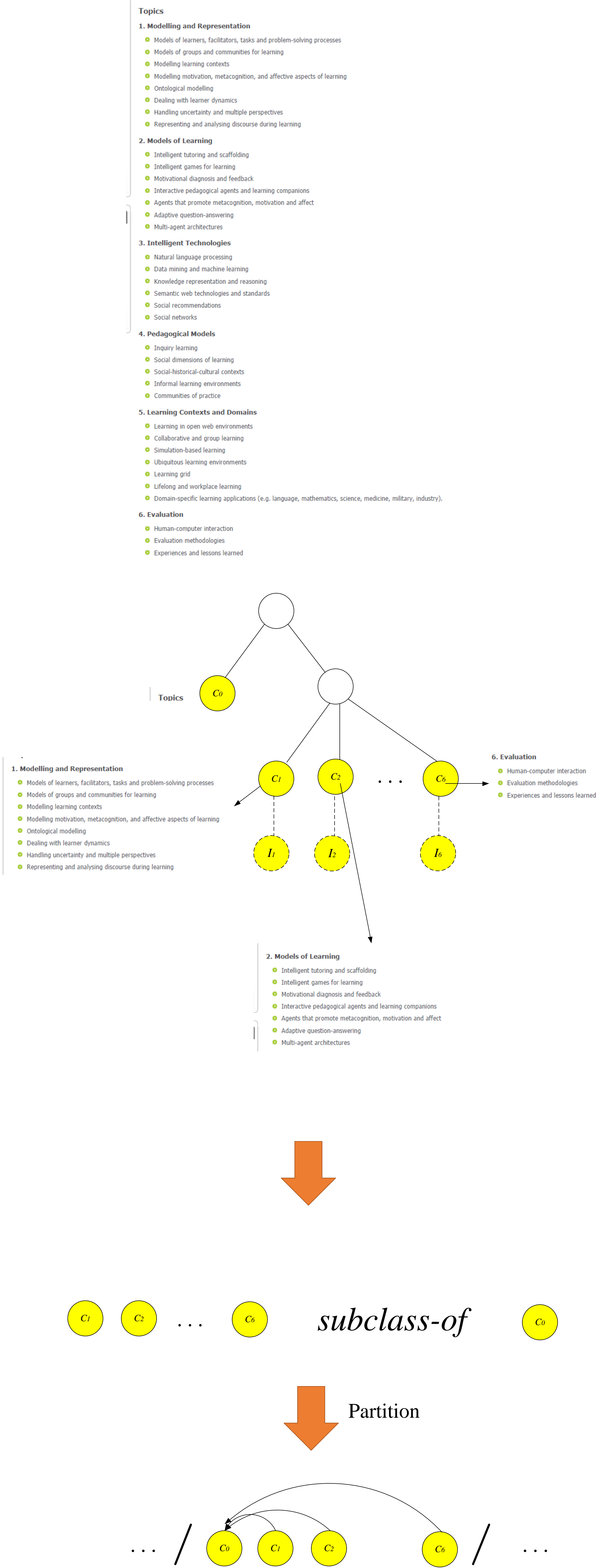
- Step 1: After is-a relations learning, we clean all nodes labeled by I, then the only semantic node in the tree is labeled by C.
- Step 2: Traverse this tree based on Depth First Search algorithm to construct a concept sequence.
- Step 3: Use a dynamic programming algorithm to segment this concept sequence to some subsets. Concepts in a same subset have some relations.

Segment This Sequence to Some Meaningful Subsets:

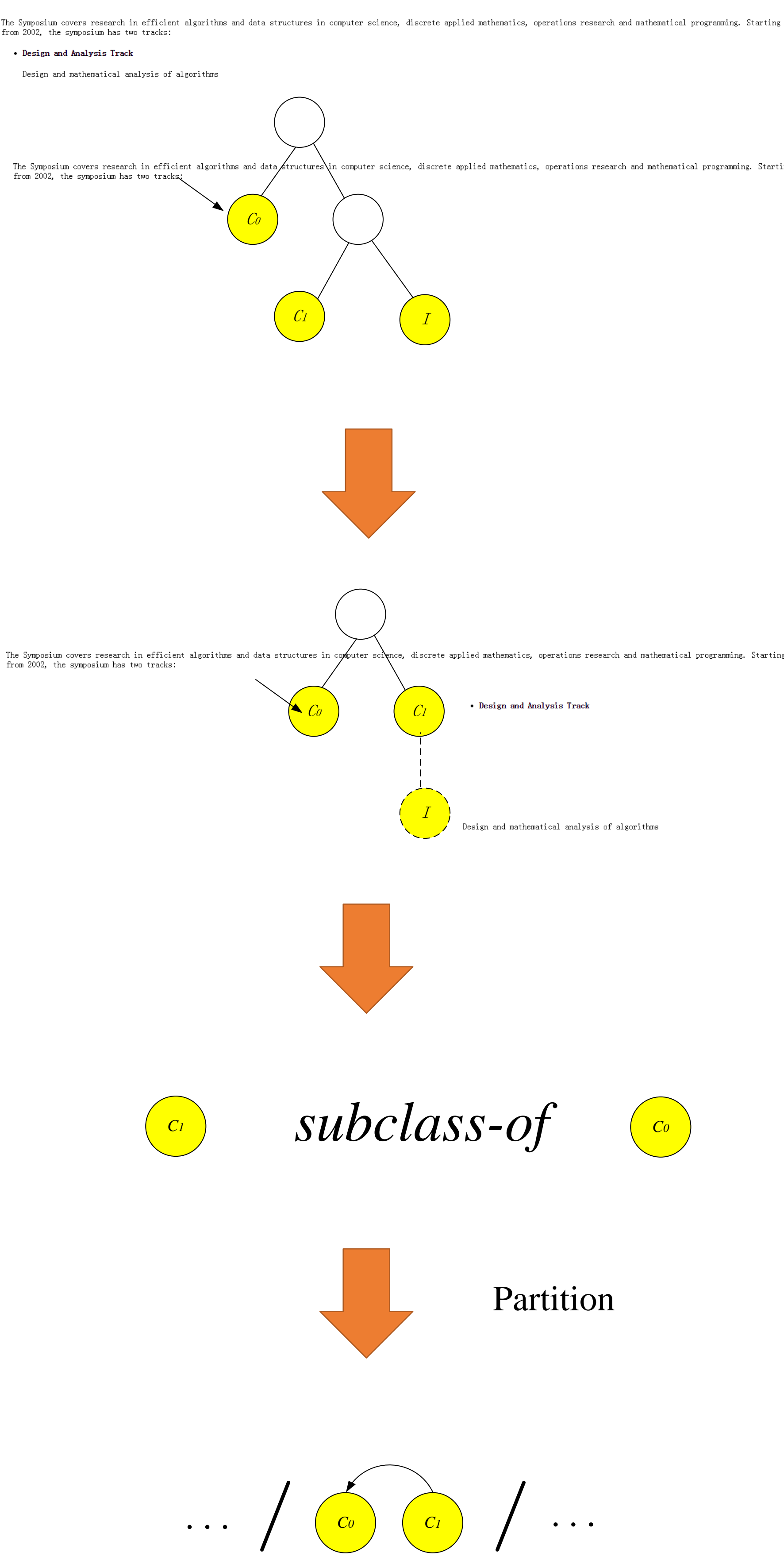


Criteria of Subset Partition

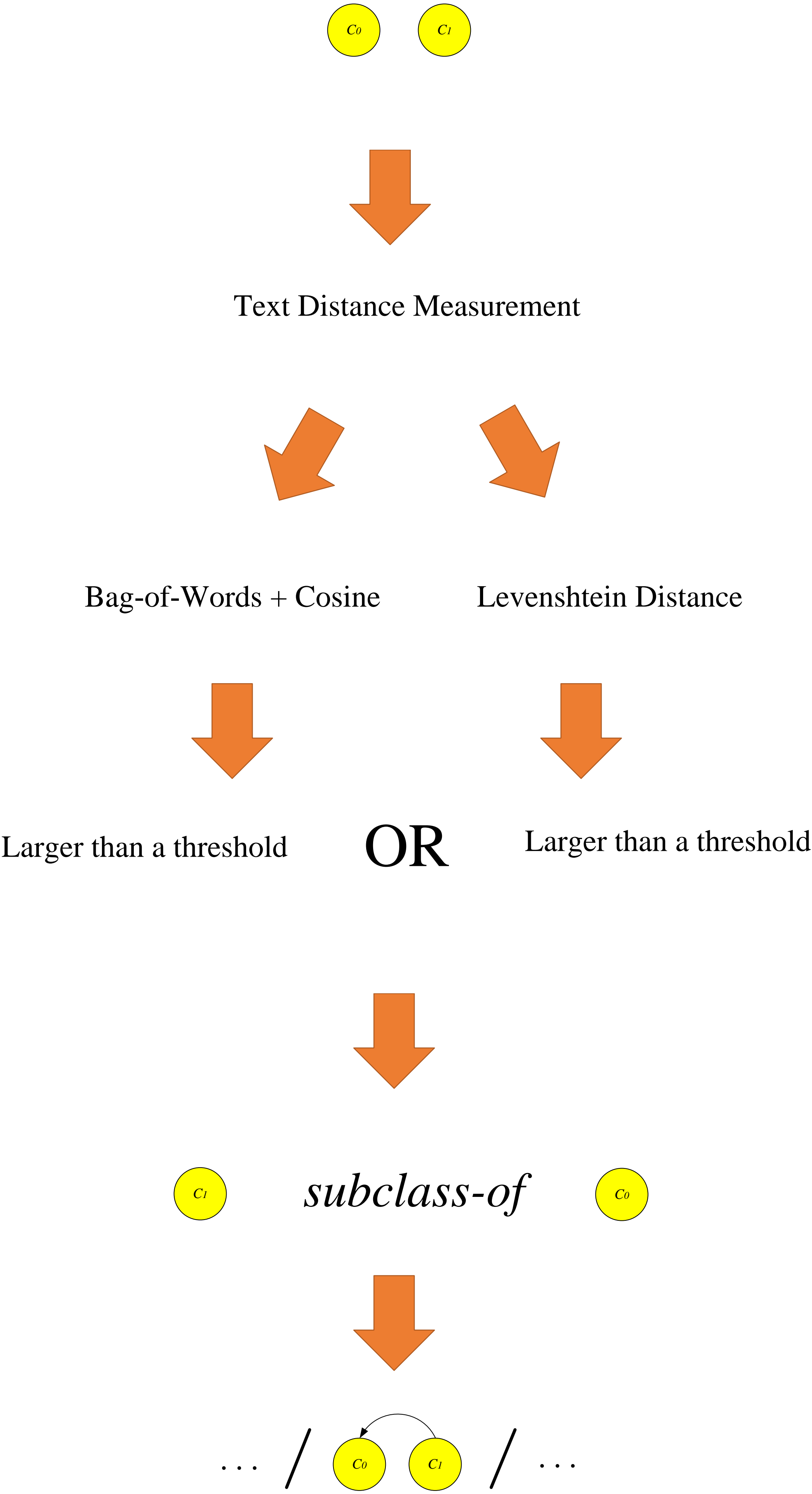
Criteria 1



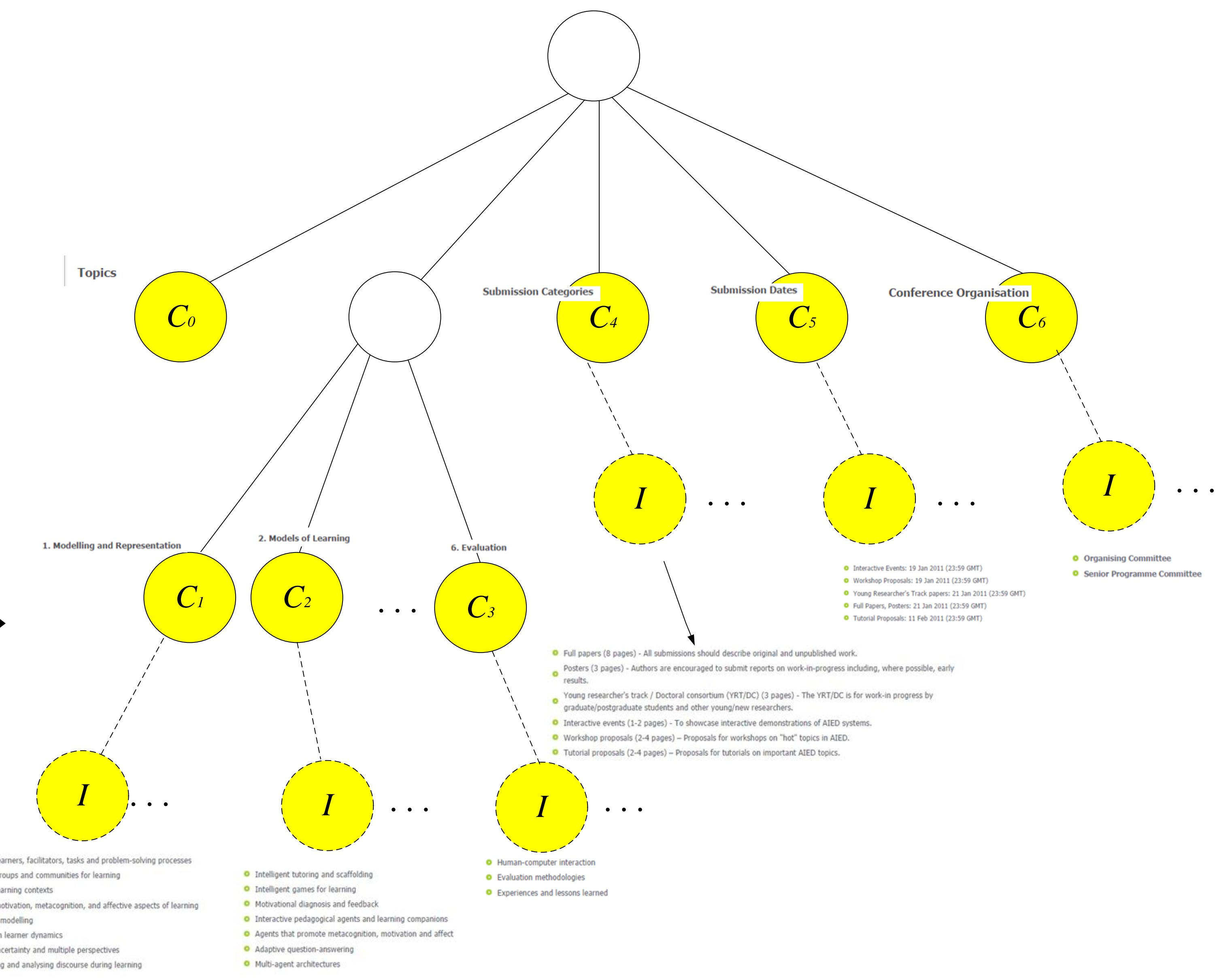
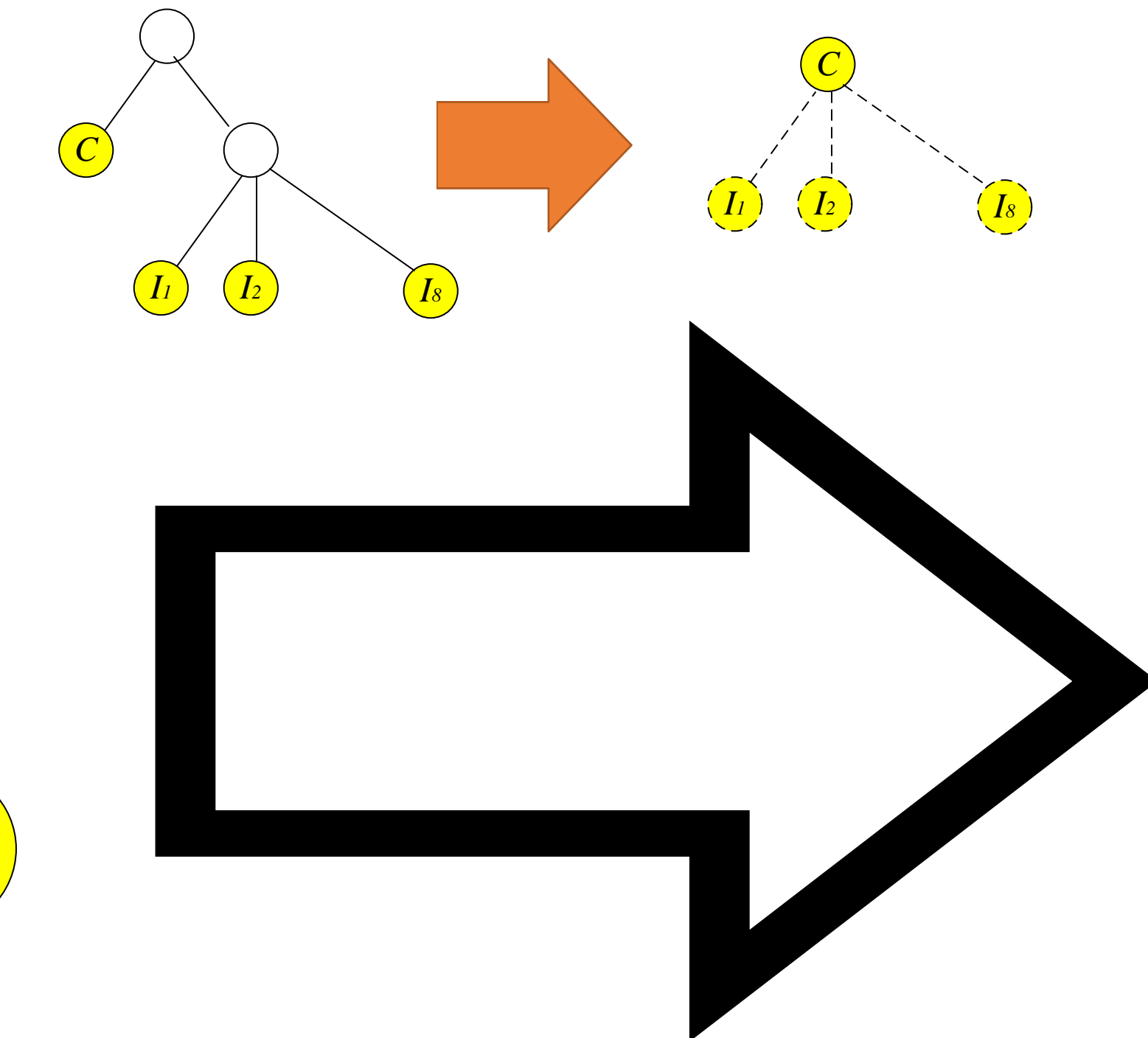
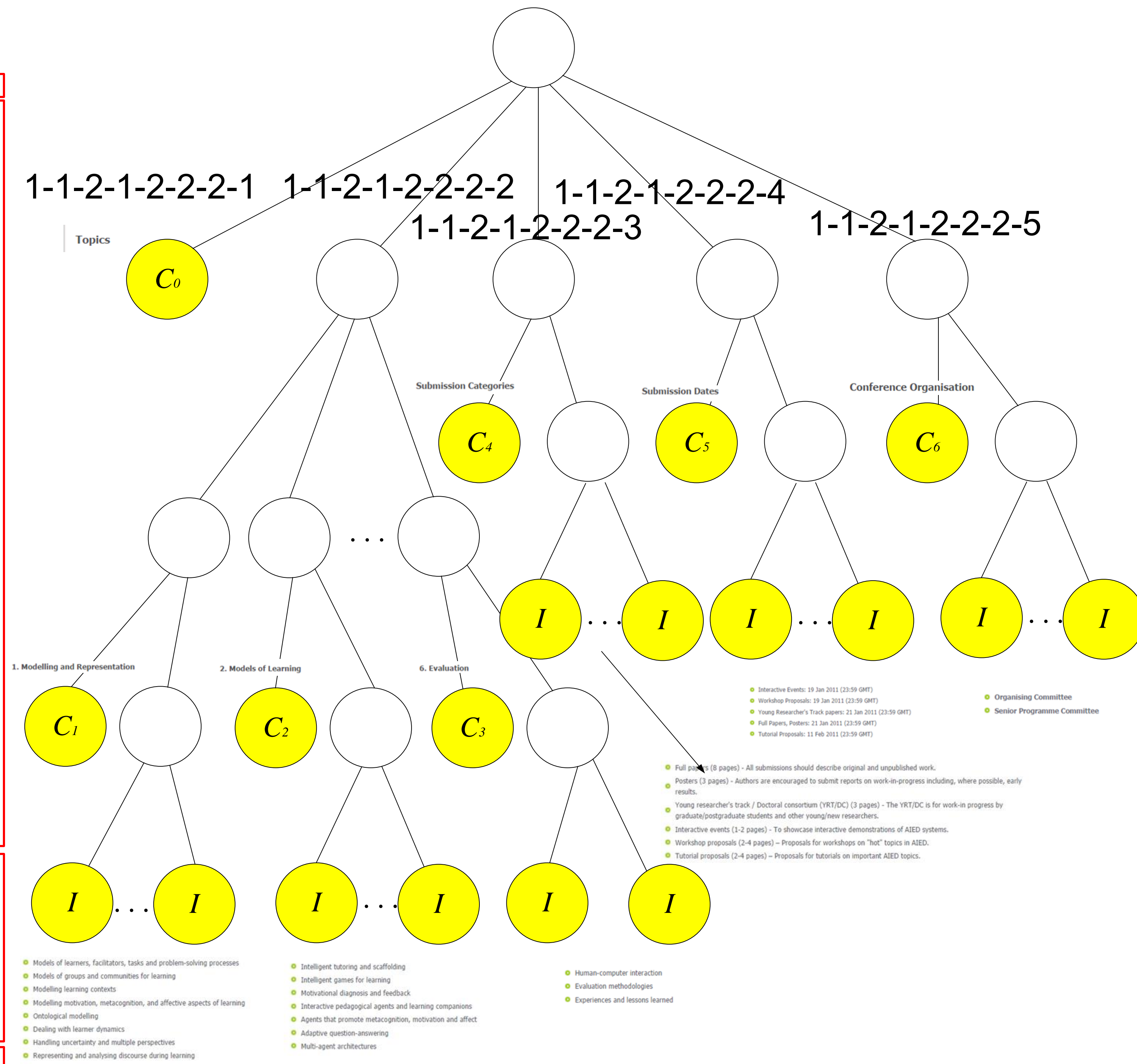
Criteria 2



Criteria 3



Topics	
1. Modelling and Representation	1-1-2-1-2-2-2-1
2. Models of Learning	1-1-2-1-2-2-2-2
3. Intelligent Technologies	1-1-2-1-2-2-2-2
4. Pedagogical Models	1-1-2-1-2-2-2-2
5. Learning Contexts and Domains	1-1-2-1-2-2-2-2
6. Evaluation	1-1-2-1-2-2-2-3
Submission Categories	1-1-2-1-2-2-2-4
Submission Dates	1-1-2-1-2-2-2-4
Conference Organisation	1-1-2-1-2-2-2-5
Submission Categories	
Submission Dates	
Conference Organisation	



Depth First Search

