**SELF CONFIGURABLE QUERIES FOR DIGITAL IMAGE LIBRARIES**
(WedAmPO1)

**Author(s):**
- Panagiotis Karagiannis (University of Macedonia, Greece)
- Nikolaos Doulamis (University of Macedonia, Greece)
- George Varkas (University of Macedonia, Greece)
- Konstantinos Paparrizos (University of Macedonia, Greece)

**Abstract:**
Since multimedia information is characterized by motley types of media with different properties, multimedia content retrieval in digital libraries requires dynamic reconfigurable architectures. In this paper, mobile agents are being used as the basis of such a dynamic reconfigurable architecture. The proposed architecture is further enhanced with innovative relevance feedback algorithms for interactive multimedia retrieval. In particular, an optimal recursive relevance feedback mechanism is examined by adaptively estimating a parametric correlation–based similarity measure.