

Proposal Submission Form



EUROPEAN COMMISSION
7th Framework Programme on
Research, Technological
Development and Demonstration

**Collaborative Project
Small or medium-scale
focused research project**

**A1:
Content**

Proposal Number

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Proposal Acronym

SemaPhoto

General Information

Proposal Title

Emergent content from media, context, metadata
and knowledge in personal media content

Duration in months

36

Call identifier

FP7-ICT-2007-1

Activity code(s) most relevant to your topic

ICT-2007.4.2

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Free Keywords

personal media, multimodal analysis and retrieval, content authoring, digital photo services

Abstract (max. 2000 char.)

Personal digital media collections are a key facet of life with digital cameras, capturing hundreds of millions of photos in Europe annually. These are being captured, collected and shared in increasing numbers amongst users. The semantic understanding of these collections with current media analysis technology, however, remains limited. The power and potential of these collections to enhance our lives and enrich our relations with others thus remains untapped.

In SemaPhoto, we will develop methods and tools for the intelligent creation, enhancement and usage of photo collections, exploiting an understanding of the media content and its user context as well as links to external sources, such as professional collections or the Web. The user interaction and usage of the media play a central role for this process. We take a holistic approach, where the creation, enhancement, aggregation, authoring and sharing of user content are activities that inform each other iteratively and contribute to a continuously growing repository of semantically enriched content.

We will achieve our aims by exploiting an innovative combination of content and context analysis (e.g., time, date, location), along with capturing user interactions with the content, and making connections with external resources. We will develop methods and tools for facilitating users to add to, manage and publish from their personal photo collections. An emergent content framework will provide the basis for a personal media collection to evolve with the user in the loop

We will validate our results using an innovative digital photo album application in a real end-user consumer application. This will be made public by our industrial partner CeWe Color and integrated both within Alinari Photo Archives' services for professional photographers and the SERaja EventWeb, a collaborative content sharing and social networking site.

Similar proposals or signed contracts?

a) Has this proposal (or a very similar one) been previously submitted
to a call for proposals of the 7th EU RTD Framework Programme?

no

IF YES

- please give the call identifier

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- please give the proposal or contract number (if known)

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b) Is this proposal (or a very similar one) currently being
submitted to another call under FP7?

no

IF YES please give the call identifier

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