

Fact Sheet on Research Questions

Further research proposals

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Background

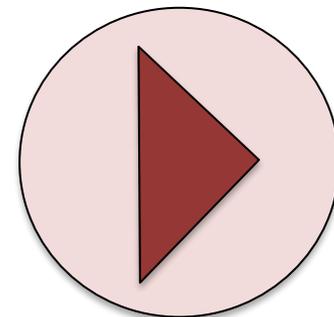
During SC meeting in Guilford (April 2016) it was decided that we should prepare

- an ‘open FS’ from WG2, namely a factsheet arising research questions.

But in the meantime we came up to idea that this should be addressed

- at the complete Action level rather than within WG2 only,
- and to capture it open over the whole duration of the action.

This presentation serves to initiate such an activity.



What is the Scope of this fact sheet?

COST Action TU 1402 should not be limited

- to four years or
- to predefined goals.

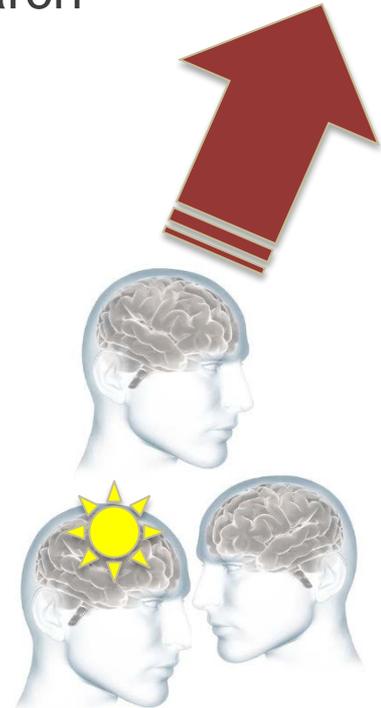
It should initiate

- future cooperation in national and international research projects
- aiming joint progress at the European level.

Therefore, this “Call for research sheet” should activate

- action participants,
- scientists and
- practitioners

to collaborate in future research upon formal closing of the Action.



How should Abstract look like?

Abstract

This “Call for research sheet” presents the collection of open questions arose through the work of COST Action TU1402. Answers to those questions may be achieved through the future research activities proposed in this sheet. Topics overviewed through this sheet have the potential to improve Structural Health Monitoring related areas in structural engineering practice.

The key aspects of research proposals that will be given by action participants (upon critical review of WG leaders) will be summarized in the following text of the abstract (to fit first page of the Fact sheet).

What would be the Content of each proposal ?

1 [Heading 1 should give the title of further research proposal]

1.1 Motivation

[In this chapter, the problem arising during the work of a particular Working group or through joint efforts of different groups should be elaborated and the task for future activities should be set up.]

1.2 Research overview

[This chapter should present explanation of the research through background theory, state of the art Yokota and Thompson (2004), methodology to be applied for further improvement and a brief work plan.]

Table 1:

Figure 1:

$$p_f = \Phi(-\beta) \quad (1)$$

1.3 Expected contribution and application area

[This chapter should elaborate possible outcome of the research and in which areas the results of the research may be useful.]

1.4 Participants

[This chapter should give a proposal for persons, institutions, research communities or application sectors that the promoter find are crucial for the success of the research.]

1.5 References

[This chapter should give the maximum of five most important references that will be referred to within the text under 1.1 to 1.3.]

Yokota, F. and K. M. Thompson (2004). Value of Information Literature Analysis: A Review of Applications in Health Risk Management. Medical Decision Making 24(3): 287-298.

Contact information

[Name of the research promotor 1], [Affiliation], [Email]

[Name of the research promotor 2], [Affiliation], [Email]

[Name of the research promotor n], [Affiliation], [Email]



General information to authors (promoters)

- This sheet is intended for dissemination.
- The length of each participant contribution should be limited to 1 page.
- The length of complete sheet will depend on number of proposals that will be revealed as the most valuable and feasible.
- Please structure and layout your contribution following the template:
 - change the title of the main Heading 1 according to research proposal
 - do not change sub-headings
 - replace the sections in the square brackets with the individual information based on instructions provided
 - be sure to explain key aspects of your proposal within one page

Overview and Impact

1. With this call, all Cost action participants would be invited to propose further research activities following proposed format.

2. Afterwards, WG leaders should critically review those proposals and create the final “Future Research Sheet” with overview of the most important research topics.

3. “Future Research Sheet” may be published at the end of the final COST TU 1402 Report.

4. Research proposals identified as crucial by this Action could obtain letters of support from Chair, Vice–chair or WG leaders.

5. This should give significant scientific impact to future national or European research proposal.

Fact Sheet on Research Questions: Further research proposals

Thank you for your attention!

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