



## Research Networking Programmes

Short Visit Grant  or Exchange Visit Grant

*(please tick the relevant box)*

### Scientific Report

The scientific report (WORD or PDF file – maximum of eight A4 pages) should be submitted online within one month of the event. It will be published on the ESF website.

***Proposal Title:*** Book on Reliability and Validity in IR experimentation

***Application Reference N°:*** 6738

1) Purpose of the visit

The purpose of the visit was to carry on the writing of a joint book on reliability and validity in IR evaluation which has been planned during the Dagstuhl Seminar "Evaluation Methodologies in Information Retrieval" on 27 October - 1 November 2013.

2) Description of the work carried out during the visit

During the visit two kind of activities have been carried out: (i) general preparation of book structure and template material to be shared with the other co-authors of the book; (ii) specific work on the content and organization of chapter 1, also with respect to the other contents of the book; (iii) actual writing of initial content for chapter 1.

3) Description of the main results obtained

Chapter 1 will be about pillar definitions and concepts which will be exploited in the rest of the book. It will introduce to scientific experimentation and to basic notions on the theory of measurement and scales. Then, it will provide general definitions of reliability and validity as well as definitions tailored to the case of IR evaluation. It will finally introduce general concept on IR

evaluation both from the system point of view and the user point of view.

**4) Future collaboration with host institution (if applicable)**

The collaboration with the host institution will continue with the writing of the book and, possibly, with joint activities on user models for IR evaluation.

**5) Projected publications / articles resulting or to result from the grant (*ESF must be acknowledged in publications resulting from the grantee's work in relation with the grant*)**

Joint book on reliability and validity in IR evaluation.

**6) Other comments (if any)**