



SDI Review Form 1.6

Journal Name:	Advances in Research
Manuscript Number:	2014_AIR_11388
Title of the Manuscript:	Crack-growth on canvas paintings during transport simulation monitored with digital holographic speckle interferometry
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



SDI Review Form 1.6

PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<u>Compulsory</u> REVISION comments	<ul style="list-style-type: none"> • A schematic diagram for Fig 1 showing the optical components, object, and CCD must be added. • If the fringes could be analyzed by (Phase stepping technique, Fourier transform), and then compare the results with the method specified in the paper would be valuable • Mention the accuracy of crack detection using the DHSPI system • Evaluate the uncertainty in details depending on number and duration of cycles 	<ul style="list-style-type: none"> • I added the optical geometry but I hesitate on the impact of this prerequisite, the paper addresses a feasibility study to cultural heritage applications oriented audience. • The technique is a phase stepping one and in particular phase-shifted interferometry. • The detection accuracy is depended on spatial frequency. OK I add this information at system description.
<u>Minor</u> REVISION comments	If there any competing interest, please clarify.	<ul style="list-style-type: none"> • I added a footnote with the name and affiliation of the cooperated organisation. In the project there isn't any conflict of interest. The publication of results it was foreseen in the academic contract.
<u>Optional/General</u> comments		