



## Field trips

Two workshops following one another on the two sites selected (indicated with 2 arrows on the map below);

Schedules for the workshops (lasting 1h30): 2.30 and 4.30pm + ½h break at 4pm so that participants attending the first workshop can reach the 2<sup>nd</sup> site.

Number of participants : 20 max. at Niepce museum (without the experts contributing) and 15 max. at Chapel de la Colombière (without the experts contributing).



Niepce museum	Chapel de la Colombière
<p><b>Moderator : Pierre-Emmanuel Nyeberg</b> Photograph conservator, specialised in preventive conservation</p>	<p><b>Moderator: Sylvie Ramel</b> Modern materials conservator ,specialised in preventive conservation</p>
	

Technical information on the 2 sites will be provided in advance to the different experts contributing to the workshops. Basic information will be given to the participants when attending the workshop.

## Niepce museum

Niepce museum presents in an innovative way the history of mechanical image, from the experiments of Nicéphore Niepce to digital techniques to make comprehensible and legible the processes, the use and the stakes of photography. But it is as well a player in the production of images, the objective being to disseminate the collections using new communication tools. Furthermore the museum develops pilot projects linked to the industrial, education, research and art worlds.

The workshop will be divided in 3 sessions that cover the 2 following questions :

- the outdoor pollution,
- the indoor pollution (produced by the objects themselves).

### Experts involved:

A-C. Besson, Niepce museum, F  
A. Schieweck, FWKI, D  
M. Strlic & I. Spulber, UCL, UK  
M. Kouril, ICT, CZ  
M. Ryhl-Svendsen, Natmus, DK  
B. Krupinska, University of Antwerp, B  
T. Grontoft & S. Lopez-Aparicio, NILU, NO  
L. Gibbson, WestCHEM, UK  
J. Havermans, TNO, NL  
A. Lattuati-Derieux & A-L. Dupont, CRCC, F

**Session 1.** Introduction on the building / the external and internal laying out / the collection / the number of visitors / the maintenance of the building / the preventive conservation policies...

Location: room Durville (ground floor) : 1/2h



### Aspects to cover:

Public comfort, air circulation, exits, exhibition materials, conservation conditions of the timbers, cleaning of the floors, showcases and objects (who is doing what ?).

Note: a drawing with the dimensions of the room + position of exit doors will be provided to the participants.

### Questions to raise / additional experiments:

Are T and RH measurements really representative of the environmental conditions of the room ?  
If not, how to carry out a correct campaign of measurements in this large exhibition room (number of dataloggers, location)?

The group moves to the first floor and enters the Niepce room.

**Session 2.** Introduction on Niepce, his discoveries... but on the exhibition room too.

Location: room Niepce (1<sup>st</sup> floor) : 1/2h



Aspects to cover :

Low ceiling, intensive heating, low air circulation : consequences on the conditions of conservation of collections exhibited?

Questions to raise / additional experiments:

The atmosphere is confined. Risk for the objects ?

At the end of the 2<sup>nd</sup> session the group is divided in 2 : 10 persons return to Durville room on the ground floor to continue the study of the impact of the environment on the collections while the 10 other persons interested in the problem of pollution induced by the objects of the collection move to the storage area where the Combiar<sup>1</sup> collection is conserved.

**Session 3a.** For the 10 persons returning to Durville room , the question of the effect of airborne particles will be studied. Visitors are bringing dust particles directly from the outside all year long. There is no intermediate room between the outside and the Durville room. What are the consequences on the objects? How this problem can be avoided or limited ? 1/2h

**Session 3b.** For the 10 persons that move to the storage area where the Combiar collection is stored (between 1 and 2M artefacts : prints and negatives) 1/2h

Aspects to cover:

The collection (photographs and other materials) / conservation conditions / confining issues : degradation of negatives in their original package / pollutants (nitric acid, acetic acid?) / new packaging with polyethylene films and aluminium boxes / new confining and degradation in polyethylene films...

Questions to raise / additional experiments:

Pollutants measurements (passive tubes or continuous measurements ?). Possibility of getting passive tubes for demonstration. Risks for the objects?

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<sup>1</sup> Collection of postcards (prints and negatives) covering the whole country