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| <u>Subject</u> | Optimization of the ratio image quality / ink quantity |
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Details of the subject :

Océ Print Logic Technologies has the constant objective to enhance the quality of the printed documents and decrease printing cost.
 The goal of this internship is to minimize the ink quantity necessary to print images while keeping the image quality of these images.
 First step will be to gather and maybe propose color-management and image-processing algorithms that could help reduce the total amount of ink on the paper.
 Second step will be to define image quality criteria to monitor them.
 Third step will be to optimize the color-management and image-processing algorithms to reduce the ink level while maintaining quality.
 The intern will be part of the research and innovation team.

Required Knowledge :

Color Science and Color Management
 Image Processing
 Psychophysics
 Matlab
 Fluent English

Requirement of the internship :

Duration : 2/3 months 4 months 6 months and more

Beginning :

Place : Créteil (Val de Marne)

School :

Engineer Schools:

1st Year 2nd Year 3rd Year

University :

Professionnal Master 2 Research Master 2 Master 1

Licence 3

Licence 2

Licence 1

If you are interested by this internship, please send your curriculum and your application letter to the following e-mail address:

nicolas.bonnier@oce.com