User guide – Acquisition beads JOBS script

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Prerequisites

- You are familiar with NIS-elements – use help tool within NIS-Elements and in the NIS-Elements manual.

Notes

- This script is based on a NIS-Elements template JOBS script.
- The NIS-Elements help tool helps explain how you can use JOBS scripts and gives examples of why they are useful.

Introduction

This script is very similar to the Acquisition JOBS script, except this script acquires images at a single position.

The most important application of this JOBS script for imaging a bead volume is to acquire the information necessary to register and then fuse the two dOPM views. For the registration to work well, the exposure times and fluorescence detection spectral windows, image magnification and z-stack settings need to be identical between the bead image acquisition and the sample image acquisition.

Assumptions

- **Acquiring bead data to allow the two dOPM views to be registered.**
- **dOPM optical alignment is stable between this bead images and the sample images, i.e. no changes so registration information acquired with the beads is applicable to the sample images.**