Drop is a software programme that registers images originating from one or more modes by quickly and efficiently calculating a non-rigid / deformable field of deformation.

Drop is a new, quick and effective registration tool based on new algorithms that do not require a cost function derivative.

Registration is a fundamental problem in medical imaging, especially since there are an increasing number of image modes available. The idea is to find a transformation model that effectively aligns two images or volumes acquired via different modes from the same patient. The interest lies in obtaining complementary data, the comparison of which offers significant added value in the interpretation of images.

Possible fields of application:
medical imaging

Language, standard, environment: C

Keywords: Merging/registration of 2D and 3D multimodal images

Licence: proprietary

Academic partners: