CHIMIOMÉTRIE 2016

Séminaires précongrès - Lundi 18 Janvier

Pre-conference courses - Monday 18 January

Titre du séminaire / Course title

Image chemometrics analysis

Enseignant / Trainer

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Technical University of Valencia

Description / Course details

The course introduces the concept of digital images from different sources (e.g. grey-scale, color, spectral or hyperspectral) and illustrate how to use chemometrics tools such as principal component analysis (PCA), partial least squares (PLS) and multivariate curve resolution (MCR) methods to extract the information contained in the images. Several examples from industry, agriculture and medicine will be addressed.

Public / Expected public

People interested in taking advantage of the information contained in digital images using chemometrics tools

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Prérequis / Specific needs

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(knowledge need, computer need, sofware need…)

No specific needs are required. Basic understanding of chemometrics tools (PCA, PLS, MCR) would be welcomed.