**Titre du séminaire / Course title**
Advanced topics in chemometrics

**Enseignant / Trainer**
Geir Rune Flaaten, CAMO Software

**Description / Course details**
1. Support Vector Machines, Classification and Regression
2. Comparison of methods for classification and discrimination
3. Multiblock and Hierarchical modelling
4. Modelling of time-dependent processes
5. Variable and sample selection
6. A discussion on proper validation in chemometric models

**Public / Expected public**
People interested in data analysis in general. Typical application areas: Agriculture/Food/Beverage, Pharmaceutical, Energy, Process industry
Prérequis / Specific needs

Basic knowledge in chemometrics.

As the list of topics is quite long the focus will be on applications and recommendations for "best practice".

The hands-on data analysis will be conducted with the software The Unscrambler®.

A version for downloading is available from www.camo.com