

THE CHEMOMETRICS APPROACH

Advanced Course for the Conservation of Cultural Heritage

João Lopes

17 | 21 november 2014

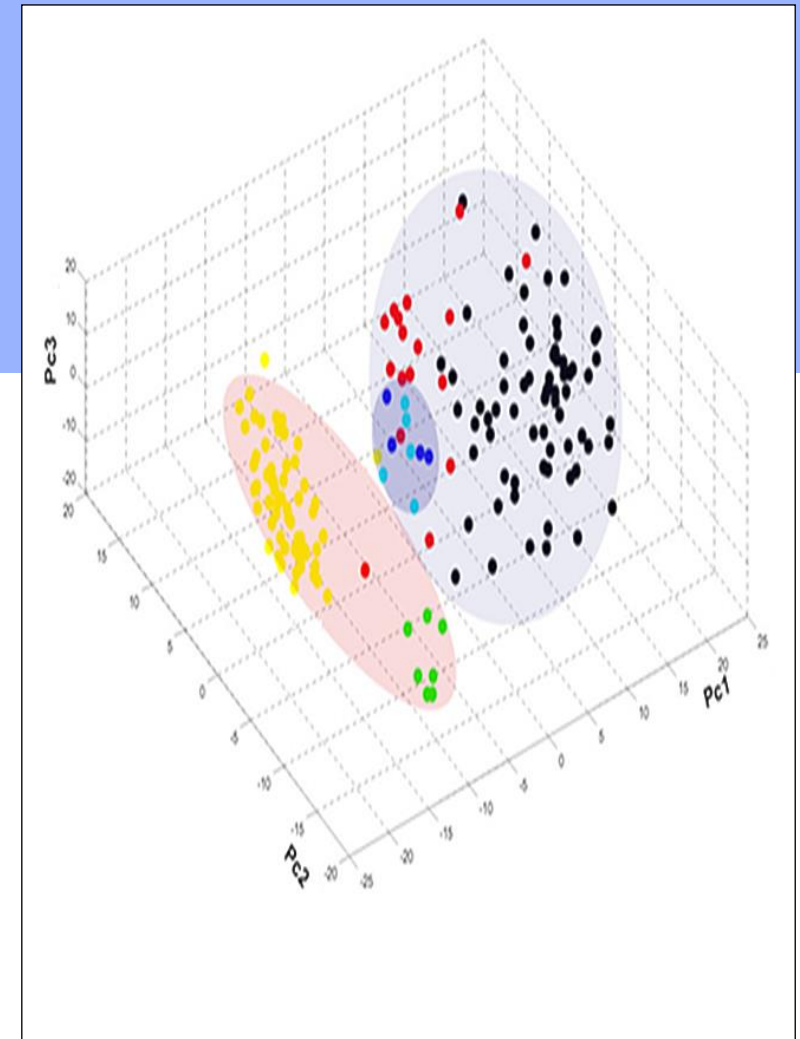
Sala de reuniões do DCR

Faculdade de Ciências e Tecnologia
Universidade Nova de Lisboa

www.dcr.fct.unl.pt • tel 212 948 322

João Almeida Lopes obtained a BSc and PhD in Chemical Engineering at the Technical University of Lisbon. There since, started a research career focused on pure and applied chemometrics, vibrational spectroscopy and process analytical technology. As research assistant at the Faculty of Pharmacy of University of Porto he started the Chemometrics&PAT research group. Major research areas include the development of vibrational spectroscopy-based methods for fast, *in-situ* characterization of materials and processes in the

areas of pharmaceutical manufacturing, biotechnology and environmental processes, microbiology and art&conservation studies. He's since 2014 Assistant Professor of Pharmaceutics at the University of Lisbon. He published more than seventy research papers in chemometrics/spectroscopy/PAT areas and coordinated several research projects with academic and industrial partners. He's been working additionally as a consultant in PAT/QbD matters



The chemometrics approach