

EuCheMS-DAC Study Group / Task Force Annual Report for 2016-2017

Study Group / Task Force Name: Chemometrics
Study Group / Task Force Members and Affiliations: Richard Brereton, University of Bristol, England Lutgarde Buydens / Jeroen Jansen (new incorporation), Radboud University of Nijmegen, Netherlands (Jan H Christensen, University of Copenhagen, Denmark Joao Lopes (new incorporation), Universidade de Lisboa, Lisbon, Portugal Federico Marini, University of La Sapienza, Rome, Italy Alexey Pomerantsev/Oxana Radionova, Institute of Chemical Physics RAS, Moscow, Russia, Jean Michel Roger, IRSTEA CEMAGREF, Montpellier, France; Douglas Rutledge, AgroParisTech / UMR1145 Ingénierie Procédés Aliments Romà Tauler, IDAEA-CSIC, Spain Johan Trygg, University of Umeå, Sweden Beata Walczak, University of Silesia, Katowice, Poland
Objectives: 1) Promote Chemometrics in Europe 2) Organize Chemometrics sessions in Euroanalysis and EuCheMS related conferences 2) Organize European Schools/Workshops on Chemometrics
Activities and Outputs in 2016-2017 (e.g. reports, publications, seminars, meetings): 1) Preparation of a co-authored (by most of the members of this study group) feature article on Chemometrics in analytical chemistry. First part is on history, experimental design and analysis tools has already been published in Analytical and Bioanalytical Chemistry (DOI 10.1007/s00216-017-0517-1). A pdf copy is given separately. 2) Preparation of the Chemometrics session at Euroanalysis 2017 Stockholm .Johan Trygg is the chair of the session. Program is given separately. 3) Organization the Chemometrics short course ('Basic Chemometrics') during the celebration of Euroanalysis 2017 by Federico Marini, University «La Sapienza», Rome, Italy
Activities planned for 2017-2018: 1) Preparation of a chemometrics session and workshop/courses on chemometrics at next EuCheMS 2018 (Liverpool) and Euroanalysis 2019 (Istanbul). 2) Finishing the feature article 'Chemometrics in analytical chemistry' 2 nd part for the Anal. Bioanal. Chem. on predictive modeling, validation and applications. 3) Continuing efforts to promote chemometrics in Europe and to consolidate an 'European Chemometrics School'
Report submitted by: Romà Tauler
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