

EuChemS-DAC Study Group / Task Force Annual Report for 2021-2022

Study Group Name: Chemometrics

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Objectives:

1) Promote Chemometrics in Europe

2) Organize Chemometrics sessions in EuChemS related conferences

3) Organize European Schools/Workshops on Chemometrics

Activities and Outputs in 2021-2022 (e.g., reports, publications, seminars, meetings):

1) Organization of a half day highly attended webinar “EuChemOmetricS”, with about 250 participants.

2) Participation of study group members to the EuroFAST2022 conference, where prof. Tauler was also plenary invited speaker

3) Organization of a meeting of StG members to discuss future activities and enlargement of the team, during the next CAC2022 conference (where many of the members will be present) in Rome (august 29-september 2).

4) Participation of study group members to the next SciX2022 conference, where the possibility of organizing a completely DAC-chemometrics related session in SciX2023 will be discussed.

Activities planned for 2022-2023:

1) Repeating the experience of organizing one or two half-day e-Workshops/short course on chemometric tools for analytical chemists with a thematic characterization (e.g., metabolomics, spectroscopy, sampling).

2) Extending the participation of European chemometricians to the StG (see also 2021 activities, point 3).

3) Organizing a Chemometric Session at the next Euroanalysis 2023 conference in Switzerland and offering pre-conference Chemometric short courses.

4) Planning of one or two tutorial papers on hot topics in applied chemometrics, which can be of interest for the analytical chemists.

5) Organizing a presential 2-3 days European Chemometric School to disseminate basic and more-advanced concepts in chemometrics applied to specific analytical chemistry domains.

6) Organizing a DAC-chemometrics study group thematic session within the FACSS conference SciX2023.

Report submitted by: Federico Marini

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