



Prof. Gaston Ares is Assistant Professor in Sensometrics & Consumer Science. Instituto Polo Tecnológico de Pando, Facultad de Química. Universidad de la República. Montevideo, Uruguay.

He has authored more than 230 articles in international refereed journals, acted as editor of 3 books, and authored several book chapters and numerous presentations in scientific meetings. Gastón was awarded the 2007 Rose Marie Pangborn Sensory Science Scholarship, granted to PhD students in sensory science worldwide, as well as the 2011 Food Quality and Preference Award for a young researcher, for his contributions to sensory and consumer science. He is a member of the Editorial Boards of Food Quality and Preference and serves as Associate Editor of Food Research International. and Journal of Sensory Studies.

Course: "Multivariate Methods in Data Analysis: PCA, Multiple Factor Analysis, Correspondence Analysis" (2CFU).

When: 12th-13th June 2019 (from 9 to 13 and from 14.30 to 16.30)

Where: Aula O, Via Donizetti 6, Firenze

Program: The course introduces to multivariate statistical methods applicable to datasets containing more than one variable. The theoretical foundations of the most popular techniques will be presented, including principal component analysis, multiple factor analysis, correspondence analysis and cluster analysis. Examples will be discussed and hands on activities will be included. Exercises will be conducted using the free statistical software R.

Topics: Dimensionality reduction, Principal component analysis, Multiple factor analysis, Correspondence analysis, Cluster analysis (hierarchical and non-hierarchical).

How to register: A call for registration will be opened on the first week of May. Max number of attendees 25.

