



World-class Teaching...

... in a World-class Environment

BILBAO, 8 October – 30 October, 2020

COPENHAGEN, 2 November – 20 November, 2020

International School of Chemometrics - ISC

LEARN ADVANCED DATA ANALYSIS!

- ISC is a six-week introductory school to key aspects of advanced data analysis.
- ISC addresses PhD students/post-docs, professors, companies, etc.

CREATE YOUR OWN ISC - 2020

- Join the seminars that best fit you!
- No minimum of seminars required
- Total of 14 ECTS offered!
- 9 independent modules!

PRESENTIAL
And
LIVE-STREAMING

October						
			1	2	3	4
5	6	7	8	9	10	11
			Matlab	Matlab		
12	13	14	15	16	17	18
Matlab	Matlab	Matlab	Matlab	Matlab		
19	20	21	22	23	24	25
Basic	Basic	Basic	Basic	Basic		
26	27	28	29	30	31	
Intermediate	Intermediate	Intermediate	Intermediate	Intermediate		

November							
							1
	2	3	4	5	6	7	8
	Error	Error	Error	Multiblock	Multiblock		
	9	10	11	12	13	14	15
	Sparse	Sparse	Nonlin	Nonlin	GLUE		
	16	17	18	19	20	21	22
	Special	Special	Special	Special	Special		
	23	24	25	26	27	28	29

Dates	Topic	Title	ECTS	Teacher	Place
8 - 16 Oct	Matlab:	Introduction to Matlab for Multivariate Data Analysis	3	José Manuel Amigo	BIO
19 - 21 Oct	Basics.Chem:	Exploratory (PCA), preprocessing, Multivariate Regression	1.5	José Manuel Amigo	BIO
22 - 23 Oct	Basics.DoE:	Design of Experiments	1	Nestor Etxebarria	BIO
26 - Oct	Int.VarSel:	Variable selection	0.5	José Manuel Amigo	BIO
27 - 28 Oct	Int.Class:	Multivariate Classification	1	Davide Ballabio	BIO
29 - 30 Oct	Int.MCR:	Multivariate Curve Resolution	1	Anna de Juan	BIO
2 - 4 Nov	Chall.Error:	Multivariate Error	1	Ricard Boqué	CPH
5 - 6 Nov	Chall.Multiblock:	Multiblock analysis	1	Federico Marini	CPH
9 - 10 Nov	Chall.Sparse:	Sparse Modelling	1	Morten A. Rasmusen	CPH
11 - 12 Nov	Chall.Nonlin:	Non-linear modelling	1	Rasmus Bro	CPH
13 - Nov	Chall.GLUE:	How not to make chemometrics	0	José Manuel Amigo	CPH
16 - 20 Nov	Spe.Multiway:	Multiway data analysis	2	Rasmus Bro	CPH
16 - 20 Nov	Spe.Hyperspectral:	Hyperspectral Image Analysis	2	José Manuel Amigo	CPH

PRICELIST FOR ISC-2020:

- Bilbao (BIO) part:**
 - Academia: 100 euros per credit
 - Industry: 300 euros per credit
- Copenhagen (CPH) part:**
 - Academia: 800 DKK per credit
 - Industry: 2000 DKK per credit
- Live streaming**
 - Due to the Covid-19 pandemic situation, we open live streaming option
 - Unique Price for the whole school: 2000 DKK
 - Access to: All lessons, all material, chat with teacher and students
 - No ECTS granted in this version

To enroll, or further information please send an e-mail:

josemanuel.amigo@ehu.es

PLACE:

- Bilbao (BIO):** Research Centre for Experimental Marine Biology & Biotechnology. Areatza Pasealekua. 48620 Plentzia – Bizkaia. Basque Country (Spain) (<http://www.ehu.es/PIE/>)
- Copenhagen (CPH):** Department of Food Sciences. University of Copenhagen. Rolighedsvej 26, DK-1958 Frederiksberg (Denmark) (<https://food.ku.dk/english/>)