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	Monday May 27th	Tuesday May 28th	Wednesday May 29th
9:00			
9:20	REGISTRATION		
9:20			
9:30	Director's Welcome		
	KEYNOTE SPEAKER 1	KEYNOTE SPEAKER 2	KEYNOTE SPEAKER 3
9:30	Daniel Oro	Susanne Ditlevsen	Alan Hastings
	(Center for Advanced Studies Blanes, CEAB)	(University of Copenhagen)	(University of California)
10:30	<u>An empirical perspective of climate and complex responses of ecosystems</u>	<u>Estimation of time to a tipping point</u>	<u>Transient dynamics and ecological systems</u>
10:30	INVITED SPEAKER Hugo Saiz	INVITED SPEAKER Juan G. Rubalcaba	INVITED SPEAKER Martin Rasmussen
11:15	(EPS-IUCA Universidad de Zaragoza) <u>Back in time:</u>	(UCM) <u>Predicting</u>	(Imperial College London)

	<u>palynological data to rebuild ecosystem shifts in the Holocene</u>	<u>organismal responses to climate change through biophysical modeling</u>	<u>Transit times for nonautonomous compartmental systems with applications to ecology</u>
11: 15			
12: 00	COFFEE BREAK	COFFEE BREAK	COFFEE BREAK
12: 00	Contributed Talk Alba Fuster Alonso (UV)		Contributed Talk Marta Pardo Araujo (UPC)
12: 00	<u>Forecasting global- scale marine species distributions:</u>	Contributed Talk Daniel Pérez (DMA)	<u>The spread of <i>Aedes albopictus</i> in Spain:</u>
12: 45	<u>Combining Marine Ecosystem Models and Bayesian additive regression trees</u>		<u>linking human mobility and habitat suitability</u>
12: 45	INVITED SPEAKER Natacha Roux (CRIOBE)	INVITED SPEAKER Giulio Tirabassi (UdG)	INVITED SPEAKER David Alonso (CEAB)
13: 30	<u>Metamorphosis in marine fishes: the ecological function of thyroid hormones</u>	<u>Applications of Spatial Permutation Entropy to the study of spatially extended ecosystems</u>	<u>Diffusion-induced patterns in stochastic ecosystem dynamics</u>
13: 30	13:30: GROUP		
15: 00	PHOTO LUNCH	LUNCH	LUNCH
15: 00	Contributed Talk Àlex Giménez Romero (UIB)	Contributed Talk Jesús Dueñas (UVa)	Contributed Talk Miguel Alvarez (IFISC)
15: 45		<u>Nonautonomous scalar differential equations: critical transitions, rate- induced</u>	<u>On the formation of coral reefs</u>

A climate-driven
epidemiological model
for Xylella
fastidiosa diseases

tracking and early
warning signals

Contributed Talk

Blai Vidiella Rocamora
(CNRS)

15:
45

Exploring Climate,
Ecosystems, and
Society Interactions:
Insights from the first
steps in the Biocean5D
Project

16:
30

Contributed Talk

Georgeta Tudor
(INCDPM
Bucharest)

Mitigation measures
for the
hydrotechnical
works impact on
vulnerable
ichthyofauna in
Răstolița river,
Romania

Contributed Talk

Pablo Almaraz
Garcia (CSIC)

Forecasting the
robust transient
dynamics of
nonautonomous
ecosystems forced
by seasonal climate
fluctuations

16:30-17:30: WINE
& CHEESE

POSTER SESSION

Àlex Giménez Romero
(UIB)

16:
30

Álvaro Corral (CRM)

18:
30

Blai Vidiella Rocamora
(CNRS)

Jorge Mestre Tomás
(ICM-CSIC)

Lilia Mercedes Ladino
Martínez (ULLANOS)

Lucian Laslo (Incdpm
Bucharest)

20:
30

SOCIAL DINNER
(In Barcelona)

The CRM is, in essence, a horizontal infrastructure that gives support to mathematical research groups and encourages the pursuit of emerging lines of research.

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