

XIV MEDECOS & AEET meeting 2017

Human driven scenarios for evolutionary and ecological changes

Seville, Spain • 31st January - 4th February 2017


Daily Schedule

[Updated on January 12th, 2017]

Tuesday 31 st January, 2017					
	Room A ETSI Informática (School of Informatics)	Room B Facultad de Matemáticas (School of Mathematics)	Room C Facultad de Biología (School of Biology)	Room D CITIUS-2 (Celestino Mutis building)	Research building CITIUS-2 terrace (Celestino Mutis building)
09:00-17:00			REGISTRATION (School hall)		
17:00-17:30	Opening ceremony	Opening ceremony and lecture by Streaming	Opening ceremony and lecture by Streaming	Opening ceremony and lecture by Streaming	
17:30-18:30	Opening lecture*: William Bond, University of Cape Town, South Africa				
18:30-20:00				Mentoring meeting	
20:00-22:00	Welcome reception & MEDECOS-wine tasting at the Hall of Silken Al-Andalus Palace Hotel (Avda. de la Palmera, s/n, 41012 Seville)				

* Opening Lecture is funded by the Severo Ochoa Program for Centres of Excellence in R+D+I (SEV-2012-0262) at EBD-CSIC

Sessions color code: Blue: Mediterranean-oriented session or symposium (MEDECOS); Yellow: General session or symposium (AEET)

Wednesday 1 st February, 2017				
 Room A ETSI Informática (School of Informatics)	Room B Facultad de Matemáticas (School of Mathematics)	Room C Facultad de Biología (School of Biology)	Room D CITIUS-2 (Celestino Mutis building)	Research building CITIUS-2 terrace (Celestino Mutis building)
08:00-09:00			Please Install posters B	Please Install posters A
09:00-10:30	Session 1 (part 1) "Comparative ecology and evolution" Special Invited Lecture*: Ran Nathan, Hebrew University, Israel Chairs: E. Revilla & A. Pauw	Session 2 Historical biogeography of Mediterranean lineages" Special Invited Lecture*: I Sanmartín, RJB-CSIC, Spain Chairs: J. Leonard & F. Forest	Session 8 (part 1) "Consequences of biotic and environmental global changes on MTEs" Special Invited Lecture*: Guy Midgley, Univ. Stellenbosch, South Africa Chairs: W. Cramer & A. Traveset	Symposium 1 "Across-kingdom mutualistic interactions of Mediterranean endemic plants: are they ecologically distinctive?" Keynote speaker: Tia-Lynn Ashman, University of Pittsburgh, USA Organizers: C. Alonso & F. Balao
10:30-11:30			Coffee break / POSTER SESSION 1-B	Coffee break / POSTER SESSION 1-A
11:30-13:00	Session 1 (part 2) "Comparative ecology and evolution" Chairs: E. Revilla & A. Pauw	Session 5 "Evolutionary and ecological drivers of MTEs as biodiversity hotspots" Special Invited Lecture*: S. Harrison, UC Davis, USA Chairs: P. Vargas & H. Lambers	Session 8 (part 2) "Consequences of biotic and environmental global changes on MTEs" Chairs: W. Cramer & A. Traveset	Symposium 3 "Mediterranean Ecosystem Services" Organizers: I. Geijzenborffer & E. Cohen-Shacham
13:00-14:30	Pic-nic lunch (CITIUS-2 terrace & Hall of School of Biology)			
14:30-16:00	Session 7 (part 1) "Ecosystem functioning and services: challenges and risks in a changing world" Special Invited Lecture*: Lohengrin Cavieres, Univ. Concepción, Chile Chairs: C. Moura & Berta Martín-López	Symposium 5 "Insights on the fourth dimension: the palaeoecological approach to modern ecological questions and vice versa" Keynote speaker: Lourdes López-Merino, Brunel University, UK Organizers: G. Gil-Romera, P. González-Sampéris & A.R. Gómez Cano	Symposium 2 (part 1) "Filling current knowledge gaps: understanding the role of plant-soil interactions on the functioning and resilience of Mediterranean ecosystems in a changing world" Keynote speaker: José Ignacio Querejeta, CEBAS-CSIC, Spain Organizers: J. Curiel Yuste, A. Rincón Herranz, I. Prieto Aguilar & S. Rodríguez-Echevarría	Symposium 14 "Fire-driven evolution of MTE floras" Keynote speaker: Byron Lamont, Curtin University, Australia Organizer: T. Hue
16:00-17:00			Coffee break / POSTER SESSION 1-B	Coffee break / POSTER SESSION 1-A
17:00-18:30	Session 7 (part 2) "Ecosystem functioning and services: challenges and risks in a changing world" Chairs: C. Moura & Berta Martín-López	Symposium 7 "Contrasting worldwide functional trait trends in Mediterranean-type ecosystems" Keynote speaker: Eric Garnier, CEFE-CNRES, France Organizers: A. Gaxiola & FI Pugnaire	Symposium 2 (part 2) "Filling current knowledge gaps: understanding the role of plant-soil interactions on the functioning and resilience of Mediterranean ecosystems in a changing world" Organizers: J. Curiel Yuste, A. Rincón Herranz, I. Prieto Aguilar & S. Rodríguez-Echevarría	
	MEDECOS general meeting			

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Thursday 2nd February, 2017

	Room A ETSI Informática (School of Informatics)	Room B Facultad de Matemáticas (School of Mathematics)	Room C Facultad de Biología (School of Biology)	Room D CITIUS-2 (Celestino Mutis building)	Research building CITIUS-2 terrace (Celestino Mutis building)
09:00-10:30	Session 4 (part 1) "Biodiversity: species interactions, networks, communities and phylogenetics" Special Invited Lecture*: M. Verdú, CIDE-CSIC, Spain Chairs: F.T. Maestre & P. Jordano	Symposium 9 "Local adaptation in the Mediterranean" Keynote speaker: Marta Benito-Garzón, Université Bordeaux, INRA, France Organizer: F.X. Picó	Symposium 10 (part 1) "Resilience and criticality in Mediterranean ecosystems" Organizers: E. Batllori, F. Lloret & Ll. Brotons	Symposium 19 "Mediterranean High Mountain habitats: challenges for research and a global conservation concern" Keynote speaker: Christian Schöb, University of Zürich, Switzerland Organizers: L. Cavieres & A. Escudero	
10:30-11:30	Coffee break / POSTER SESSION 2-B			Coffee break / POSTER SESSION 2-A	
11:30-13:00	Session 4 (part 2) "Biodiversity: species interactions, networks, communities and phylogenetics" Chairs: F.T. Maestre & P. Jordano	Symposium 11 "Evolutionary responses to climate change. Evidence from Mediterranean plant populations" Keynote speaker: Santiago González-Martínez, INRA, France Organizers: Carlos Lara-Romero & Alfredo García-Fernández	Symposium 10 (part 2) "Resilience and criticality in Mediterranean ecosystems" Organizers: E. Batllori, F. Lloret & Ll. Brotons	Symposium 22 "Plant Invasions in Mediterranean-Type Ecosystems" Organizer: Ingrid M. Parker	
13:00-14:30	Pic-nic lunch (CITIUS-2 terrace & Hall of School of Biology)				
14:30-16:00	Session 6 (part 1) "Ecophysiology and functional traits" Special Invited Lecture*: David Ackerly, UC Berkeley, USA Chairs: F. Valladares & A. Gallardo	Symposium 13 "Investigating ecological and evolutionary processes with NGS" Organizer: M. Gallach	Symposium 4 Eco-evolutionary dynamics in a changing world: integrating genes, traits and ecosystems Keynote speaker: Carlos Melián, EAWAG, Zurich, Switzerland Organizers: J- Moya-Laraño, M. Montserrat & S Magalhaes	Symposium 20 "Seed dispersal and frugivory in changing Mediterranean landscapes" Keynote speaker: Anna Traveset, IMEDEA-CSIC, Spain Organizers: R. Perea & J.M. Fedriani	
16:00-17:00	Coffee break / POSTER SESSION 2-B			Coffee break / POSTER SESSION 2-A	
17:00-18:30	Session 6 (part 2) "Ecophysiology and functional traits" Chairs: F. Valladares & A. Gallardo	Symposium 15 "Plant reproductive ecology and evolution in a changing Mediterranean climate" Keynote speaker: Rodrigo Medel, University of Chile ("Plant Biology" [Wiley] lecture), Chile Organizers: J.D. Thompson & J. Arroyo	Symposium 17 "The role of ecological interactions in recovering self-regulating and diverse Mediterranean ecosystems: is rewilding an option?" Keynote speaker: Jens-Christian Svening, Aarhus University, Denmark Organizers: G. Escribano-Avila, E.Virgós Cantalapiedra & J. P. González Varo	Symposium 18 "Origin of the Mediterranean Climate" Organizers: J.E. Keeley & P.W. Rundel	
18:30-19:30	AEET general meeting				
21:00	Conference dinner at "La Raza" Restaurant (Avda. Isabel la Católica 2, 41013 Seville)				

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Friday 3rd February, 2017

	Room A ETSI Informática (School of Informatics)	Room B Facultad de Matemáticas (School of Mathematics)	Room C Facultad de Biología (School of Biology)	Room D CITIUS-2 (Celestino Mutis building)	Research building CITIUS-2 terrace (Celestino Mutis building)
09:00-10:30	Session 3 (part 1) "Current biodiversity conservation challenges" Special Invited Lecture*: John Thompson, CEFE-CNRS, France Chairs: M.B. García & J. Lahoz-Monfort	Symposium 6 Evolutionary and ecological mechanisms governing the generation and maintenance of plant assemblages in biodiversity hotspots Keynote speaker: Sébastien Lavergne, LECA-CNRS, France Organizers: Rafael Molina & Marcial Escudero	Symposium 8 "Fire and Plant-Animal Interactions" Keynote speaker: Juli G. Pausas, CIDE-CSIC, Spain Organizers: F. Ojeda & S. Gómez-González		
10:30-11:30			Coffee break / POSTER SESSION 3-B		Coffee break / POSTER SESSION 3-A
11:30-13:00	Session 3 (part 2) "Current biodiversity conservation challenges" Chairs: M.B. García & J. Lahoz-Monfort	Symposium 21 "Ecoinformatics: data science brings new avenues for ecology" Keynote speaker: Roberto Salguero-Gómez, University of Sheffield, UK. Organizers: S. Varela, F. Rodríguez-Sánchez, I. Bartomeus & A.J. Pérez-Luque	Symposium 12 "Establishing linkages between species interactions and ecosystem functioning and services" Keynote speaker: Fernando T. Maestre, Rey Juan Carlos University, Spain Organizers: O. Godoy, I. M. Pérez-Ramos, L. Matías, E. Baraza & L. Gómez-Aparicio		
13:00-13:30			Please remove posters B		Please remove posters A
13:00-14:30	Pic-nic lunch (CITIUS-2 terrace & Hall of School of Biology)				
14:00-15:30	Workshops 1 "Easy collaboration and version control with Git & GitHub" . Classroom 1, Facultad de Biología (School of Biology, 3 rd floor) Workshops 2 "Reproducible science with Rmarkdown" . Classroom 2, Facultad de Biología (School of Biology, 3 rd floor) Workshops 3 "Audiovisual media toolkit for science divulgation" . Classroom 3, Facultad de Biología (School of Biology, 3 rd floor) Workshops 4 "Communicating to a non-scientific public" . CITIUS-2 lecture hall				
15:30-16:30	Closing ceremony Closing lecture*: Sharon Strauss, University of California Davis, USA	Closing lecture and ceremony by Streamming	Closing lecture and ceremony by Streamming	Closing lecture and ceremony by Streamming	
16:30-17:45	"Six-string Flamenco" Guitar Concert by Manuel Miranda & Manuel Berraquero. Poster session awards and Closing ceremony	"Six-string Flamenco" Guitar Concert by Manuel Miranda & Manuel Berraquero. Poster session awards and Closing ceremony by Steamming	"Six-string Flamenco" Guitar Concert by Manuel Miranda & Manuel Berraquero. Poster session awards and Closing ceremony by Steamming	"Six-string Flamenco" Guitar Concert by Manuel Miranda & Manuel Berraquero. Poster session awards and Closing ceremony by Steamming	

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Saturday 4th February, 2017

08:00-20:00	Field trips (Departure at 08:00. Estimated arrival in Seville by 20:00). Pick-up and delivery points: Prof. García González St., (next to Campus Science)
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