



Second Conference
Bird Migration and Global Change.
Movement ecology and conservation strategies

Strait of Gibraltar, Algeciras, SW Spain, 17 to 20 March 2010.

Second Announcement and Scientific Program

Web site: <http://www.fundacionmigres.org/congresos/globalchange/Presentation.html>

E mail address: secretariat2010@fundacionmigres.org



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The MIGRES Foundation is proud to invite you to the *“Second Conference on Bird Migration and Global Change: movement ecology and conservation strategies, BMGC 2010”*, which will be held in the Strait of Gibraltar, Algeciras (SW, Spain), from 17 to 20 March 2010.

The BMGC 2010 Conference is aimed to update our understanding of the Global climate change and its consequence on the migratoriness of bird species, the processes driving the changes and their consequences on the conservation of biodiversity, in order to (1) effectively addressing likely scenarios; (2) providing a firm basis for adaptive management; and (3) developing effective conservation strategies for managing rapidly changing animal populations.

More than 200 delegates are expected to attend to the Conference, from all the continents, to share their experiences and knowledge. All of this is going to happen in one of the most suitable geographical framework, the **Strait of Gibraltar**. This is undoubtedly among the better places in Europe, and one of the best in the world, for the study of bird migration. Most of the birds that breed in Western Europe and winter in Africa migrate through this region every spring and autumn, and many others from northern Europe spend the winter here. The area has long been famous for the migration of birds of prey which funnel through to take advantage of the short sea-crossing to Africa, but millions of other, smaller land-birds follow the same route, as do many seabirds just offshore. It is a wonderful place for basic research, and for measuring the changes in bird migration patterns that are already occurring in response to global climate change, and to monitor the birds for signs of any new and emerging diseases.

All of this makes us to foresee this event as an extremely exciting and enriching Conference.

Information on the Conference is permanently updated at the following web site:

<http://www.fundacionmigres.org/congresos.htm>.





Scientific Programme

The scientific contents of the Conference will regard on six main topics organized around six scientific sessions. Each session will be opened by a keynote speech of a worldwide renowned specialist (30 minutes plus 10 min for discussion), followed by a number of general speeches (15 min plus 5 min for discussion). The planned schedule for the sessions is as follow:

Wednesday 17 March 2010

17:00 18:30 Arrival

Registration

Poster Setup

18:30 19:30 **Opening Conference: Keith Bildstein. A biotic view of bird migration in a changing world: causes and likely consequences.**

19:30 20:00 Hosted Ice-breaker reception

Thursday 18 March 2010

Session 1

Movement ecology: models and patterns of organism movements.

9:00 9:40 **Keynote Speaker 1: Ran Nathan: A movement ecology approach for studying bird migration and other long-distance movements in changing environments**

9:40 10:00 Liechti F., Shamoun-Barannes J. & Dokter A. Large-scale monitoring of migratory movements: the potential of different radar systems

10:00 10:20 Mellone, U.; Lopez Lopez, P.; Limiñana, R. & Urios, V. Linking environment characteristics with migration behaviour: the case of Eleonora's falcons.

10:20 10:40 Ghasabyan M., Gavashelishvili A., Chavchavadze I., McGrady M. and Bildstein K. L. Movement ecology of young Cinereous Vultures tagged as nestlings in the Caucasus Region

10:40 11:00 Loneux. Do they stay far, do they stay close, do they change their wintering distances?

11:00 11:30 Coffee Break

11:30 12:20 Official Opening

12:20 12:40 Ens, B.; Schekkerman, H.; Bauer, S. and Klaassen, M. Putting dynamic models of migration to the test

12:40 13:00 Forero, M.G., Navarro, J., Igual, J.M., Genovart, M., Gómez-Díaz, E., González-Solís, J. and Keith A. Hobson. Spatial segregation during the migration and breeding periods in two sympatric and closely related shearwaters

13:00 13:10 Concluding remarks of the session 1

13:10 14:40 *Lunch*





Session 2

Animal Tracking and Physiological Monitoring: methodological tools for understanding effects of global change.

- 14:40 15:20 **Keynote Speaker 2: Martin Wikelski. Animal Tracking and Physiological Monitoring: Going wild, going global.**
- 15:20 15:40 Strandberg, R. Migrating across the Sahara Desert - an increasingly hazardous journey?
- 15:40 16:00 Negro J.J., Rodriguez A., Bustamante J., Fox J.W and Afanasyev, V. Geolocators reveal the African wintering grounds of Lesser Kestrels breeding in Spain.
- 16:00 16:20 Laaksonen, T.; Klaassen, M. ; Lehikoinen, E. The effects on clutch size of wintering habitat and laying time food supply in the pied flycatcher *Ficedula hypoleuca*.
- 16:20 16:40 Anderson T., Halverson C., Katzner T., Lanzone M. & T. Miller T. High frequency GPS-GSM telemetry data to delineate flight strategies of migratory birds: an example with golden eagles
- 16:40 16:50 Concluding remarks of the session 2

- 16:50 17:20 Coffee Break

Session 3

Raptors Migration

- 17:20 18:00 **Keynote Speaker 3: Ian Newton. Aspects of soaring bird migration.**
- 18:00 18:20 Filippi Codaccioni, O.; Jean-Pierre, M., Urcun, J.P. and Jiguet F. Impact of climate change on the differential migration of raptors
- 18:20 18:40 Bechard, M. White-throated Hawk (*Buteo albigula*): The first transequatorial raptor migrant from South America
- 18:40 19:00 Yáñez, B. Muñoz A.R. & Ferrer M. Is Short-toed Eagle about becoming resident in Europe.
- 19:00 19:20 Pandolfi M. and Ferrer, M. Permanence of a glacial route in migrating raptors (Accipitridae) through the Adriatic sea
- 19:20 19:40 Juhant, M. What do we know up to now about raptor migration in South America?
- 19:40 19:50 Concluding remarks of the session 3

Friday 19 March 2010

Session 4

Adaptation of migratory birds to climate change

- 9:00 9:40 **Keynote Speaker 4: Francisco Pulido. Microevolution or phenotypic plasticity? Mechanisms of phenotypic adjustment to climate change.**
- 9:40 10:00 Coppack, T. Do sex-specific migration schedules constrain the adaptation of migratory songbirds to climate change?
- 10:00 10:20 Svazas S., Zalakevicius M., Mineev J. & Mineev O. Recent changes in diversity of breeding bird species in Central and Northern Europe as indicators of the global change
- 10:20 10:40 Haig, S.; Matthews, J.; Miller, M.; Roby, D.; Schmidt, T. and Cline, B. Predicting and managing climate change impacts on great basin wetlands.
- 10:40 11:00 Studds, C.; Kyser, T. K. and Marra, P. Non-breeding season selection on traits influencing annual survival in a long-distance migratory bird.
- 11:00 11:10 Concluding remarks of the session 4
- 11:10 11:30 Coffee Break





Session 5

Migration and weather

- 11:30 12:10 **Keynote Speaker 5: Bruno Bruderer. Bird Migration and Weather.**
- 12:10 12:30 Shamoun-Baranes, J.; Bouten W. and van Loon E. Modelling the influence of meteorological dynamics on migration
- 12:30 12:50 Tenan, S., Girardello, M., Pedrini, P., Bogliani, G., Spina, F. Short term influences of global climate on the temporal dynamics of migratory birds in the Italian Alps
- 12:50 13:10 Leal, A.; Molina, B. and Banda E. Birds and climate: the phenology as a tool for bird conservation
- 13:10 13:30 Gil, K.; Grant, W. ; Slack, R. D.; Weir, E. Impacts of global and regional climate on Whooping Crane demography: trends and extreme events
- 13:30 13:40 Concluding remarks of the session 5
- 13:40 15:00 Lunch

Session 6

Understanding the drivers of population dynamics in migratory birds.

- 15:00 15:40 **Keynote Speaker 6: Peter Marra. Global change and long-distance migratory birds: carry-over effects and seasonal interactions**
- 15:40 16:00 Jennifer Gill. Population change, habitat quality and seasonal interactions in migratory birds
- 16:00 16:20 Hilgerloh, G. Behaviour of soaring birds in a migration bottleneck in view of increasing space requirements for human activities.
- 16:20 16:40 Tomé, R.; Canário, F.; Leitão, A.; Pires, N.; Cardoso, P.; Teixeira do Rosário, I.; Repas, M. Impacts of wind farms on migrant raptors in Southwestern Portugal.
- 16:40 17:00 Morrison, C.; Gill, J. ; Robinson, R. and Clark, J. Willow warblers in space: spatial and temporal variation in population trends of a long-distance migrant.
- 17:00 17:20 Vigfusdottir, F.; Gudmundsson, G.; Gunnarsson, T. and Gill, J. Drivers of productivity in a long distance migratory species: the Arctic Tern in Iceland
- 17:20 17:40 Navedo J.G., Orizaola G., Masero J.A., Overdijk O. and Sánchez-Guzmán J.M. Long-distance travellers refuel for longer: stopover decisions in a waterbird population
- 17:40 18:00 Lehikoinen, A.; Saurola, P. ; Byholm, P. ; Linden, A.; Valkama, J. Life history events of the Eurasian sparrowhawk in a changing climate
- 18:00 18:10 Concluding remarks of the session 6
- 18:10 18:30 Coffee Break
- 18:30 19:00 Conclusions and Closing Ceremony
- 20:00 21:30 Closing Banquet
- 21:30 0:00 Blues Concert

Saturday 20 March 2010

- 9:30 11:00 ARGOS USERS WORKSHOP
- 11:00 16:00 Field Trip





POSTER SESSION

Abbay Afewerki, Yonas and Yowhans Samere, Dawit	Regulation of population size of migratory and breeding birds on the coasts and the islands of the Eritrean Red Sea.
Cardador, Laura; Navarro, Joan; Mañosa, Santi	Utility of stable isotopes to delineate the origins of wintering European migratory raptors; the Marsh harrier <i>Circus aeruginosus</i>
García Ripollés, Clara; López López, Pascual; Urios Moliner, Vicente	Migration and wintering of adult Egyptian vultures <i>Neophron percnopterus</i>
Guzmán García, José Luis; Arroyo Lopéz, Beatriz; Ferrand, Yves	Origin and movements of Woodcock <i>Scolopax rusticola</i> wintering in Spain
Moleón, Marcos; García, Diego; Garrido, José R.; Arenas González, Rafael	Recent patterns in the wintering of European griffon vultures in Andalusia, southern Spain
Morganti, Michelangelo and Pulido, Francisco	Trans-Saharan migrants wintering north of the Sahara – an adaptation to climate change?
Mulero, M.; Negro, J. J.; Ferrer, M.; de Lucas, M.	“UAS, a new tool for tracking migration” AEROMAB PROJECT (“Aerospace Technologies applied to Biological Conservation”)
Navarro, Joan; Ramos, Raúl; Afán, Isabel; Fu-Min, Lei; Hobson Keith A. and Manuela G. Forero	Investigating the migratory connectivity amongst a small-sized bird species using isotopic composition of winter feathers, the European bee-eater <i>Merops apiaster</i>
Pap, Katalin; Végvári, Zsolt; Kovács, Gábor and Liker, András	Long-term changes in migration phenology of waterbirds at Hortobagy Hungary
Petersen, Troels	Spring arrival times and time of breeding initiation on northern European breeding birds (western Denmark).
Reihmanis, Janis	The effect of topography on spatial pattern and directional preference of selected diurnal non-passerine species during spring migration: visual study at bottleneck site of European Union importance - Kolkasrags, Latvia
Serebryakov V., Davydenko I., Lonina L., Martyusheva A., Pshenychnyi S., Yanenko V.	The global climate changes and birds of Ukraine
Vangeluwe, Didier and Loneux, Michele and, Nico De Regge	What is best? Ringing or satellite tagging birds? Evaluation applied on Common Shelduck marked in Belgium.
Verhelst, Brecht; Jansen, Johannes; Vansteelant, Wouter	The Batumi Raptor Count: exploring the Palearctic's biggest bottleneck for autumn raptor migration.

The Scientific Program can still suffer small modifications that will be quickly updated on our web site:

<http://www.fundacionmigres.org/congresos/globalchange/Presentation.html>.





Registration deadline and fees.

Registration is still open, and it should be made on-line at the following address:

<http://www.fundacionmigres.org/congresos/globalchange/Registration.html>

The fee for registration in the Conference is 280 €. Student Registration has a discount of 40 Euros (240 €). Student Registration Fee is available only to students with official documentation showing their status.

The Regular and Student Registration Fee include admission to oral and poster sessions, conference material, official reception, coffee-breaks, lunches and the Blues Concert. Accommodation and travel cost are not included.

REGULAR REGISTRATION FEE	280,00 €
STUDENT REGISTRATION FEE	240,00 €

Venue and accommodation

The conference will be held at the “Hotel Reina Cristina” (Paseo Conferencia, 11207 Algeciras. Cádiz, Spain). The accommodation at this hotel can be booked through the conference website. Other options for accommodation are available in the area, but they should be arranged by yourself.

DOUBLE ROOM	88€
DOUBLE FOR SINGLE USE	60€

Special Prices for delegates of the Conference. Prices per room & night, breakfast & VAT included.

Cancellation policy for fees and accommodation.

All cancellations must be sent to UNICONGRESS in writing (fax or e-mail)

- 90% refunds are available up to 15 December 2009.
- 50% refunds are available up to 15 January 2010.
- After 15 January, cancellations are not entitled to any refunds.





COMMERCIAL EXHIBITORS

In the framework of the celebration of the Second Conference on Bird Migration & Global Change (2010 March 17-20), several commercial firms supplying technical services will participate by showing their products and services in the Conference.

At date, delegates of the following commercial firms have confirmed their participation:

- BIOTRACK-LOTEK WIRELESS (www.biotrack.co.uk). This partnership offers telemetry researchers a broader array of products and services to assist in the monitoring of wildlife around the world.
- CELLULAR TRACKING TECHNOLOGIES (www.celltracktech.com). Innovative animal tracking solutions
- ARGOS-CLS (www.argos-system.org). Leader of satellite-based environmental data collection.
- ECOTONE (www.ecotone.pl). Company specialized in assistance for preparing and organising fieldwork and research projects.
- ORYX (www.weboryx.com). The best selection of books, terrestrial optics and equipments for naturalists and professional biologists.
- TAYLOR & FRANCIS (www.taylorandfrancis.com). Leading international academic publisher.

Argos user meeting.

The attendees of the Bird Migration & Global Change Conference in Algeciras are welcome to join the Argos User Meeting on Saturday March 20th, from 9:30 till 11:30 am in the Salon Alfonso XIII (Hotel Reina Cristina).

The topic of the meeting is to present the Argos perspective new services and to interact with the scientific community on their tracking projects experiences. The meeting is organized by CLS-Argos (www.cls.fr - www.argos-system.org) and the Foundation Migres.

To confirm your participation in the meeting (capacity is limited), please send an e-mail to the following address: aduplaa@cls.fr





Cellular Tracking Technologies Migration Biology Awards

Cellular Tracking Technologies develops innovative animal tracking solutions to answer the next generation of wildlife research problems. Our products are uniquely suited to study of avian migration. We are proud to sponsor the awards for best research and presentations of the second “Bird Migration and Global Change Conference”, organized by Fundación Migres.

The details about the awards will be given at the Conference.





FIELD EXCURSION

A field excursion is planned on Saturday 20 to the main view points for birdwatching in the Strait. We also explore (depending on weather conditions) the offer of whalewatching.

The prices of the excursion is 50 €, including a picnic lunch and whale-watching excursion.

SOCIAL EVENTS

A closing banquet is planned for Friday evening, with a cost of 38 €.

Afterwards, an amazing music concert where the mythic Spanish musician “El Pájaro” (in English, “the songbird”) and his band will be offered, performing a tribute to some of the most relevant groups of the Andalusian Rock.

Instructions for field excursion and closing banquet reservations

Both field excursion and closing banquet require booking in advance.

How to do it?

OPTION 1) If you have already registered:

You can book the field excursion or the closing banquet in the link:

https://congresos.hostingtravel.com/registration/registration.asp?congress=40000000060&language=en&agency=atlanta_sevilla

- Click *REVIEW REGISTRATION*

- Enter the search data

Registration number

The Last Name





- Click ADD in the REGISTRATION FEE AREA

Registration Form

Finish / Check Out

100 - Basic data - Click on the pen to edit

Number	Name
100	Belinchon, Reyes

Registration Fees - Click here to [add](#)

Qty.	Fee	Name	Amount
Fees total amount:			0,00 €

Accommodation - Click here to [add](#)

Qty.	Hotel	Room type	Arrival	Departure	Amount	Deposit
1	HOTEL REINA CRISTINA	Double room for single use	16/03/2010	20/03/2010	240,00 €	0,00 €
Accommodation total amount:						240,00 €

- Chose the option and fill the credit card details.

- You will receive the confirmation within 15 days from the Technical Secretariat

OPTION 2) For new registration:

Please proceed normally through the following link:

<http://www.fundacionmigres.org/congresos/globalchange/Registration.html>.





ABOUT ALGECIRAS

How to get to Algeciras?

To arrive to Algeciras, there are 4 airport options:

- Gibraltar Airport (the closer, 25 km = 20 min by car).
- <http://www.gibnet.com/airport/index.htm>.
- Jerez Airport (110 km = 1 h 20 min by car).
- Malaga Airport (131 km = 1 h 30 min by car).
- Seville Airport (200 km = 2 h by car).

<http://www.aena.es/csee/Satellite?pagename=Home>

From those cities you can get a bus or car to Algeciras.

Additionally, you can arrive via Madrid, and then get a bus or a train to Algeciras.

AIRPORT of MÁLAGA

How to get to Algeciras from the airport of Málaga.

MT nº 19 is a bus service in Malaga airport located on the right, just outside the Terminal 2 that connects the airport to the Bus Station in Málaga, runs every half hour.

Bus station Málaga, address: Pº de los Tilos s/n. 29006 - Málaga
Telephone: + 34 952 350061

Timetable from MÁLAGA-ALGECIRAS / ALGECIRAS -MÁLAGA - journey 3 hours (RUTA)/ 1,45 hours (DIRECTO)

MÁLAGA-ALGECIRAS		RUTA							Duración del trayecto: 3h	
Lunes a Sábado / Monday to Saturday		5:00	7:30	8:30	10:30U	11:30A	16:30	19:30		
Salida desde Málaga										
Salida desde Algeciras		8:30	10:00AL	11:00	12:00	16:00A	17:00U	21:00		
Domingo / Sunday		5:00	7:30	8:30	10:30U	11:30A	15:30	16:30	19:30	
Salida desde Málaga										
Salida desde Algeciras		8:30	10:00AL	11:00	12:00	16:00A	17:00U	21:00		
DIRECTO									Duración del trayecto: 1h:45'	
Lunes a Domingo / Monday to Sunday		6:30	11:00A	12:30A	17:30					
Salida desde Málaga										
Salida desde Algeciras		14:00A	15:00A	16:30	17:30	19:30				





AIRPORT of SEVILLA

How to get to Algeciras from the airport of Sevilla.

AE (The Yellow buses) is a bus service in Sevilla airport located on the right just outside the airport that connects this to the Bus Station Prado de San Sebastian in Sevilla. Runs every half hour.

Bus station Sevilla, address: Prado de San Sebastián s/n - Sevilla Tel: +34 954 417118 / 11

Timetable from SEVILLA-ALGECIRAS / ALGECIRAS -SEVILLA - Journey 2,15 hours

Sevilla - Algeciras

6,00 - 7,15 - 10,30 - 13,00 - 15.30 - 16,30 - 18,30 - 21,00

Algeciras - Sevilla

6,30* - 9,30 - 11,00 - 13,00 - 14,30 - 17,30 - 19,00 - 21,00

Departures from Monday to Sunday except * at weekend.

AIRPORT of JEREZ

How to get to Algeciras from the airport of Jerez

M 0-50, M 0-51, M 0-52, M 560 All these buses connect Jerez airport to the Bus Station in Jerez.

Bus station Jerez, address: Plaza de la Estación, s/n - Jerez de la Frontera

Timetable from JEREZ-ALGECIRAS / ALGECIRAS -JEREZ - Journey 1,15 hours

Jerez - Algeciras

7,15 - 8,30 - 11,45 - 14,15 - 16,45 - 17,45 - 19,45 - 22,15

Algeciras - Sevilla

6,30* - 9,30 - 11,00 - 13,00 - 14,30 - 17,30 - 19,00 - 21,00

Departures from Monday to Sunday except * at weekend.





AIRPORT of MADRID

How to get to Algeciras from the airport of Madrid.

OPTION 1 - by bus

Line 8 (METRO / UNDERGROUND) connects Airport to the center of Madrid stop " Nuevos Ministerios" .

Line 6 (METRO / UNDERGROUND) connects the center of Madrid stop " Nuevos Ministerios" to the Bus station, stop Mendez Alvaro.

Station Sur de Autobuses Mendez Alvaro, address: Calle Méndez Álvaro, 83 - Madrid
Telephone: 914 684 200

Timetable from MADRID-ALGECIRAS / ALGECIRAS - MADRID - Journey 8 hours

Madrid - Algeciras
11,00 - 21,00 - 22,00
Algeciras - Madrid
11,30 - 21,00 - 22,00

OPTION 2 - by TRAIN

Line 8 (METRO / UNDERGROUND) connects Airport to the center of Madrid stop " Nuevos Ministerios" .

Renfe Cercanías (train) connects the center of Madrid stop " Nuevos Ministerios" to ATOCHA station.

ATOCHA station, address: C/ Glorieta Carlos V, Madrid. Telephone: 902 320320

Timetable from MADRID-ALGECIRAS / ALGECIRAS - MADRID - Journey 5,40 hours

Madrid - Algeciras
9,05 - 17,05
Algeciras - Madrid
8,05 - 16,50

Information about Algeciras.

More information about Algeciras can be found at:

http://www.andalucia.org/destinos/provincias/cadiz/municipios/algeciras/?set_language=en

<http://www.ayto-algeciras.es/documentos/noticiasDelegaciones/MAPA%20ALGECIRAS5896.pdf>





FOUNDATION MIGRES

The MIGRES Foundation is intended to evaluate migration through the Strait of Gibraltar as well as developing and promoting activities aimed at the sustainable development. It was established by the end of 2003, promoted by the Junta de Andalucía. Since its creation, it carries out its activities with the conviction that nature must not mean a cost for society, but it must represent an opportunity for sustainable wealth creation and resource provision.



Mission:

- To establish a forum among experts, institutions and society concerned with the study, preservation and development of interest in nature and, particularly, the huge ecological and human value of migration phenomena.
- To develop and disseminate knowledge about migration.
- To promote activities with socioeconomic relevance based around the sustainable use of natural resources.

Foundation board:

President: Miguel Ferrer, Researcher of the C.S.I.C.

Members: Consejería de Medio Ambiente; Junta de Andalucía

Subdelegación de gobierno; Junta de Andalucía.

Universidad de Sevilla (www.us.es)

Universidad de Cádiz (www.uca.es)

Ayuntamiento de Tarifa (www.aytotarifa.com)

Ayuntamiento de Algeciras (www.ayto-algeciras.es)

Diputación Provincial de Cádiz (www.dipucadiz.es)

Red Eléctrica de España, REE (<http://www.ree.es/>)

Asociación Eólica Tarifa.

Asociación de Grandes Empresas del Campo de Gibraltar (www.agicg.es).

Juan José Negro, Researcher of the C.S.I.C.





Scientific Conference Committee

Keith Bildstein; Sarkis Acopian Director of Conservation Science. Hawk Mountain Sanctuary.

Miguel Ferrer; Estación Biológica de Doñana, C.S.I.C. Sevilla (Spain).

Juan José Negro; Estación Biológica de Doñana, C.S.I.C. Sevilla (Spain).

Ian Newton; Centre for Ecology and Hydrology, Natural Environment Research Council, UK.

Eloy Revilla, Estación Biológica de Doñana, C.S.I.C. Sevilla (Spain).

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Atlanta Unicongress. Travel and Corporate Events Consultants.

BMGC2010@unicongress.org

www.atlanta.es

Organizing Committee



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