

Monday 14th

09:00 REGISTRATION

11:00 OPENING

Welcome by Patrick Sellar, President of IBAC

Chair: Clara Amorim & Paulo Fonseca

11:20 Invited talk: “*Evolution of acoustic communication*”, Carl Gerhardt (University of Missouri, Columbia)

12:00 “The application of auditory playback to stimulate the performance of natural vocalisations in captive howler monkeys (*Alouatta caraya*)”, H. Farmer, L. Leaver¹ & A. B. Plowman (University of Exeter)

12:20 Lunch

Chair: Carl Gerhardt

14:00 “Acoustic interactions in small groups of forest birds, the European wrens (*Troglodytes troglodytes*)”, H. Courvoisier, S. Camacho Schlenker & T. Aubin (Université Paris)

14:20 “The goitred gazelle: sex-specific vocal development and permanently descended and mobile larynx in ungulate species”, E. Volodina, I. Volodin, R. Frey, K. Efremova, I. Makarov, K. Gorbunov & N. Soldatova (Moscow Zoo)

14:40 “Is food-anticipation whistle of Domestic guinea pigs derived from isolation whistle?”, P. F. Monticelli, R. C. R. B. Tarallo & C. Ades (Universidade de São Paulo)

15:00 “Fully and semi-automated analyses of bird song based on machine learning approaches”, S. Zsebök, J. Török & L. Z. Garamszegi (Eötvös Loránd University)

15:20 “Improved measurement algorithms for primate vocal communication research, with application to lemur catta”, R. E. Janzen & L. M. Bolt (University of Toronto)

15:40 Coffee break

Chair: Rafael Marquez

16:00 “Acoustic analysis of alarm calls in two species of ground squirrels, the European ground squirrel (*Spermophilus citellus*) and the Taurus ground squirrel (*S. taurensis*)”, I. Schneiderova & R. Policht (Charles University)

16:20 “Correlations between song complexity and potential estimates of male quality in common blackbirds”, N. Hesler, R. Mundry, T. Sacher, T. Coppack, F. Bairlein & T. Dabelsteen (University of Copenhagen)

16:40 “The brilliant-thighed poison frog *Allobates femoralis* (Aromobatidae): a handy fellow for anuran field bioacoustics”, W. Hödl, A. Amézquita, P. Narins & A. Lima (University of Vienna)

17:00 “Results of bioacoustic investigations of cicadas during the expedition to Iran 2007”, M. Gogala (Slovenian Academy of Sciences and Arts)

Tuesday 15th

Chair: *Friedrich Ladich*

09:00 Invited talk: “Mechanisms of fish sound production”, Michael Fine (Virginia Commonwealth University)

09:40 “Vocal communication at nest between mates in wild zebra finches: a private vocal duet?”, C. Vignal, J. E. Elie, M. Mariette, S. Griffith & N. Mathevon (Université de Lyon)

10:00 “How do ageing and dominance changes affect the acoustic structure of fallow buck groans?”, E. Briefer, E. Vannoni, & A. G. McEligott (Queen Mary University of London)

10:20 Coffee break

Chair: *Tierry Aubin*

10:40 “Acoustic signalling of hunger and identity in colonial weaver bird chicks”, H. Reers & A. Jacot (Max-Planck Institute for Ornithology)

11:00 “Mate call recognition in the blue-footed booby”, N. Mathevon, T. Aubin, F. Dentressangles & R. Torres (ENES-Université Jean Monnet)

11:20 “Vocal labelling of juveniles by group members in spectacled parrotlets”, R. Wanker & J. Stüven (University of Hamburg)

11:40 “Re-evaluating song plasticity in male great tits (*Parus major*)”, H. F. Rivera-Gutiérrez, R. Pinxten & M. Eens (University of Antwerp)

12:00 “Song stability and neighbour-stranger vocal discrimination in a migratory songbird: a long-term perspective”, T. I. Draganoiu & N. Mathevon (Université de Saint-Etienne)

12:20 Lunch

Chair: *Michael Fine*

14:00 “Neighbour-stranger recognition in the oriental magpie robin, *Copsychus saularis*”, D. Bhatt, V. K. Sethi & A. Kumar (Gurukula Kangri University)

14:20 “Ontogenetic development of auditory sensitivity and sound production in the squeaker *Synodontis schoutedeni*, an African mochokid catfish”, W. Lechner & F. Ladich (University of Vienna)

14:40 “Acoustic monitoring of populations at thermal extremes of midwife toads in Iberia: phenology, chorus recruitment, and relation with temperature”, D. Llusia, R. Márquez, A. Arias, M. Pérez, J. F. Beltrán, M. Benítez, J. P. do Amaral, J. M. Oliveira & M. J. Castro (Museo Nacional de Ciencias Naturales)

15:00 “Communicating individuality and caller' quality with trumpeting in the highly social seabird crested auklet *Aethia cristatella*”, A. Klenova, I. Volodin, V. Zubakin, E. Volodina & E. Zubakina (Moscow State University)

15:20 Coffee break + Poster session

Chair: *Jacques Vielliard*

16:00 “Effects of personality on vocal responses to alternating and overlapping playback in great tits”, M. Amy, P. Sprau, P. de Goede & M. Naguib (NIOO-KNAW, Centre for Terrestrial Ecology)

16:20 “Vocal dialects in the flight call of the Orange-winged-parrot (*Amazona amazonica*)”, L. N. de Moura, J. Vielliard & M. L. da Silva (Federal University of Pará)

16:40 “A comparative study between the call characteristics of the Indian jungle crow and the house crow at some urban habitat sites in Bangalore, India”, K. Kumar & R. Sukumar (Jawaharlal Nehru University)

17:00 “Sperm whale codas in the Northern Ionian sea (Italy), new elements to understand the Mediterranean population”, F. Zardin., G. Pavan, G. F. Ficetola, G. La Manna, E. Internullo & G. Riccobene (Università di Pavia)

Wednesday 16th

Chair: Nicolas Mathevon

09:00 Invited talk: “Adaptive auditory plasticity for social communication”, Joseph Sisneros (University of Washington)

09:40 “Bio-acoustic analyses to assess emotion in animals: acoustic patterns are linked to behavioural and cardiac responses of ewes to the separation from their lambs”, F. Sèbe, P. Poindron, S. Andanson, H. Chandeze, E. Delval, G. Després, G. Toporenko, S. Bickell, D. Blache & A. Boissy (Université Paris Sud)

10:00 “Hearing in otophysine fishes: function, diversity and evolution”, F. Ladich (University of Vienna)

10:20 Coffee break

Chair: Joseph Sisneros

10:40 “Early testosterone treatment affects production of song learning in male zebra finches”, A. Leitão & M. Gahr (Max Planck Institute for Ornithology)

11:00 “Song changes within and between seasons and their hormonal correlates in the domesticated canary (*Serinus canaria*)”, S. Leitner & C. Voigt (Max Planck Institute for Ornithology)

11:20 “Do frogs experience auditory illusions?”, M. A. Bee & F. Seeba (University of Minnesota)

11:40 “Developmental course of mouse models of autism: emergence of deficits in vocal communication”, E. Ey & T. Bourgeron (Pasteur Institute)

12:00 “Hearing and acoustic communication in the Lusitanian toadfish”, R. Vasconcelos, P. Fonseca & C. Amorim (Lisbon University)

12:20 Lunch

Chair: Maria Luisa da Silva

14:00 “Quiet song in common blackbirds – repertoire size and use in aggressive context”, B. Klump, N. Hesler & T. Dabelsteen (University of Copenhagen)

14:20 “Buzz songs as a category in communication in nightingales (*Luscinia megarhynchos*)”, M. Weiss, S. Kiefer & S. Kipper (Freie Universität Berlin)

14:40 “Loudness of syllables is related to syntax and phonology in the songs of canaries and seedeaters”, G. Cardoso & P. G. Mota (Universidade de Coimbra)

15:00 “Vocal individuality in hornbills”, R. Policht (Czech University of Life Science)

15:20 Coffee break

Chair: Richard Ranz

15:40 “Female preference and song amplitude in the zebra finch – is it sexy to sing loud?”, M. Ritschard, K. Riebel & H. Brumm (Max Planck Institute for Ornithology)

16:00 “Adjustment to the population? Nightingales maintain the popular songs from the first to the second breeding season”, S. Kiefer, C. Sommer, C. Scharff & S. Kipper (Freie Universität Berlin)

16:20 “Vocal duetting behaviour of the Moustached Wren *Thryothorus genibarbis* in Amazonia”, A. de Almeida Monte, J. M. E. Vielliard & M. L. da Silva (Federal University of Pará)

16:40 “Call responses of nestling tree swallows (*Tachycineta bicolor*) to competing calls from nest mates”, M. L. Leonard, A. G. Horn, P. A.M. Marques & A. Contasti (Dalhousie University)

17:00 “Vocal repertoire and flock size in the yellow-faced parrot (*Alipiopsitta xanthops*)”, C. Araújo, L. O. Marcondes-Machado & J. Vielliard (Unicamp)

Thursday 17th

Chair: Paulo Fonseca

08:50 Invited talk: “Directional hearing and strategies for sound communication”, Axel Michelsen (University of Southern Denmark)

09:30 “Low frequency sounds in birds: males booming in two species of Houbara bustard”, F. Rybak, A. Mascey & Y. Hingrat (Université Paris-Sud)

09:50 “Vocal stability in two separated populations of a non-oscine bird: the Eurasian woodcock *Scolopax rusticola*”, T. Aubin, N. Mathevon, D. Gonçalves & Y. Ferrand (Université Paris-Sud)

10:10 Coffee break

Chair: Axel Michelsen

10:30 “Experimental analysis of singing direction as a tool to investigate the function of bird song”, H. Brumm (Max Planck Institute for Ornithology)

10:50 “Individual recognition and recognition errors in parent/offspring communication”, A. Jacot, H. Reers & W. Forstmeier (Max Planck Institute for Ornithology)

11:10 “Bird monogamy: behavioural and vocal evidences of a pressure towards social association more than reproduction”, J. E. Elie, H. A. Soula, N. Mathevon & C. Vignal (Université Lyon)

11:30 “Seasonal patterns of singing in relation to breeding in the common nightingale, *Luscinia megarhynchos*”, K. G. Mortega, C. Scharff & H. Hultsch (Freie Universität Berlin)

11:50 “Distance dependent use of vocal features in nightingales”, P. Sprau, T. Roth, R. Schmidt, V. Amrhein & M. Naguib (Netherlands Institute of Ecology)

12:10 AGM

12:40 Lunch

14:00 Excursion

20:00 Social dinner

Friday 18th

Chair: Matija Gogala

09:00 Invited talk: “Applying bioacoustics: interactions between pure and applied research”, Peter McGregor (Cornwall College)

09:40 “Discrete vocal traits in tame and aggressive strains of silver foxes and in crosses between them”, S. Gogoleva, I. Volodin, E. Volodina, A. Kharlamova & L. Trut (Lomonosov Moscow State University)

10:00 “Do flight calls influence orientation of night-migrating birds?”, O. N. Larsen, B. B. Andersen, T. Reichl, W. Kropp & H. Mouritsen (University of Southern Denmark)

10:20 Coffee break

Chair: Paulo Gama Mota

10:40 “Dawn song characteristics in the Pied bush chat (*Saxicola caprata*) in relation to different breeding stages”, V. K. Sethi, D. Bhatt & A. Kumar (Gurukula Kangri University)

11:00 “Steps towards bioacoustic data mining”, A. Taylor (University of New South Wales)

11:20 “Bioacoustic monitoring of nocturnal birds in wetland areas”, K-H. Frommolt & K-H. Tauchert (Humboldt University Berlin)

11:40 “The organization of song when considering the population’s entire repertoire”, L. Z. Garamszegi,

S. Zsebök & J. Török (Estación Biológica de Doñana)

12:00 Lunch

Chair: Peter McGregor

- 14:00 “Sense and Census ability'- Reliability of psychoacoustic sampling as a method to monitor cricket species diversity”, D. Swati, J. Manjari & B. Rohini (Indian Institute of Science)
- 14:20 “Bloodhound, a tool based on the chirplet transform for the analysis of wolf chorus howls recordings”, V. Palacios, L. Llana, B. Dugnot, C. Fernández, G. Galiano & J. Velasco (A.RE.NA.)
- 14:40 “Automatic acoustic identification of shrew species in the field – new potential monitoring technics”, S. Zsebök, D. Czabán & J. Farkas (Eötvös Loránd University)
- 15:00 “Classification algorithms for species identification in noisy environments”, I. Agranat (Wildlife Acoustics, Inc.)

15:20 Coffee break + Poster session

Chair: Paulo Fonseca & Clara Amorim

- 16:00 “Temperature and vocal activity in *Hyla meridionalis* and *Hyla arborea* (Anura, Hylidae) in Iberia. Comparison between populations at thermal extremes”, D. Llusia, J. F. Beltrán, J. P. do Amaral, R. G. Bowker, C. Moreira & R. Márquez (Museo Nacional de Ciencias Naturales)
- 16:20 “Identification and monitoring the population of anurans of the Thar desert and nearby vicinity using bioacoustic tools”, K. K. Sharma (Maharshi Dayanand Saraswati University)
- 16:40 “Opening the BARN, a bioacoustic resource network”, H. Figueroa & D. Michael (Cornell University)
- 17:00 FINAL SESSION