

IBOC

EILAT ISRAEL

INTERNATIONAL
BIRD OBSERVATORY
CONFERENCE

2019



The International Bird Observatory Conference

- Bird Observatories flock together -

IBOC 2019 STEERING COMMITTEE

Thank you to the 2019 IBOC Steering Committee for the great teamwork in pulling this conference together.

David La Puma

New Jersey Audubon's Cape May Bird Observatory

Dan Alon

Israeli Ornithological Center of the Society for the Protection of Nature in Israel (SPNI)

Noam Weiss

International Bird Observatory Eilat and Israeli Ornithological Center of the Society for the Protection of Nature in Israel (SPNI)

Björn Malmhagen

Falsterbo Bird Observatory

Rob Adams

Spurn Bird Observatory

Alena Kacal

Jerusalem Bird Observatory, Israeli Ornithological Center of the Society for the Protection of Nature in Israel (SPNI)

Jonathan Meyrav

Israeli Ornithological Center of the Society for the Protection of Nature in Israel (SPNI)

Yaron Tscharka

Jewish National Fund (KKL)



ISRAELI PARTNER ORGANIZERS



The Hoopoe Foundation



KKL-JNF Wings

- SPONSORS -

Special thanks to our 2019 IBOC sponsors, whose support allowed us to provide many scholarships and special accommodations to those who otherwise would have been unable to attend. Our Main, Opening Dinner and Partner sponsors will have tables in the Conference hall and all sponsors will be identified on their nametags. Please be sure to thank them for sharing in the vision of the IBOC, which is to bring together the world's bird observatories in a meaningful way!

MAIN SPONSOR



PARTNER SPONSORS



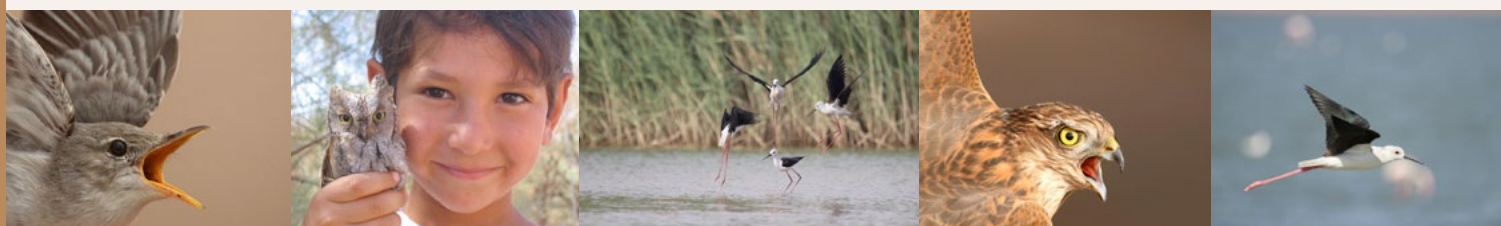
BANQUET DINNER SPONSOR



WELCOME DINNER SPONSOR



WELCOME TO EILAT ISRAEL FOR THE INTERNATIONAL BIRD OBSERVATORY CONFERENCE 2019!



IBOC 2019 Contents

Schedule / 6

.....

General Information / 16

.....

Featured Speakers / 19

.....





Dear IBOC Attendee,

I am happy that the 3rd International Bird Observatory Conference (IBOC) takes place in Eilat, Israel in March 2019 and that you decided to be part of it. The conference hosts directors and staff of bird observatories from around the world in order to discuss issues such as conservation, bird related research, education and public outreach. The main goal of the IBOC is to allow representatives from all over the world to exchange ideas and methods of their everyday work and to create a global discussion that will enrich everyone involved. As the conference organizers we will do our best to provide a productive atmosphere for the discussions and to showcase the amazing birds, birding and opportunities that our region has to offer.

Most bird observatories are naturally located in bird rich areas. Previous conferences were hosted by two of the most iconic and important bird observatories in the world: the Falsterbo bird observatory in Sweden and the Cape May Bird Observatory in New Jersey USA.

We are very proud that the Israel Ornithological Center and the International Birdwatching center of Eilat were chosen to host the 3rd IBOC. Eilat is an incredible place for birds and serves as an amazing migration "bottleneck" of global importance.

You are joining us at the peak of the spring migration season which is the busiest time of the year in Eilat both in terms of birds and birdwatching events. The conference follows the Eilat Bird Festival and the world renowned Champions of the Flyway bird race. Some of you took part in these events as well. The conference is structured in a way that will allow attendees to truly experience the amazing birding Eilat has to offer with early morning birding tours before the daily programs and fantastic excursions to the best sites southern Israel has to offer after the event.

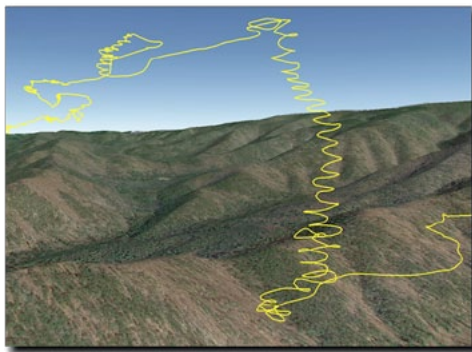
Our base for this year's IBOC is Isrotel "Yam Suf" hotel on Eilat's south beach. The hotel is located across the road from the Eilat Coral Beach reserve allowing visitors to snorkel, dive and experience the beautiful coral reefs and marine wildlife of the Red Sea. I am happy to announce that we will have participants from observatories all over the world and I wish everyone a meaningful conference with topics that connect us all.

**Dan Alon - Israel Ornithological Center director
Society for the Protection of Nature in Israel (SPNI)**



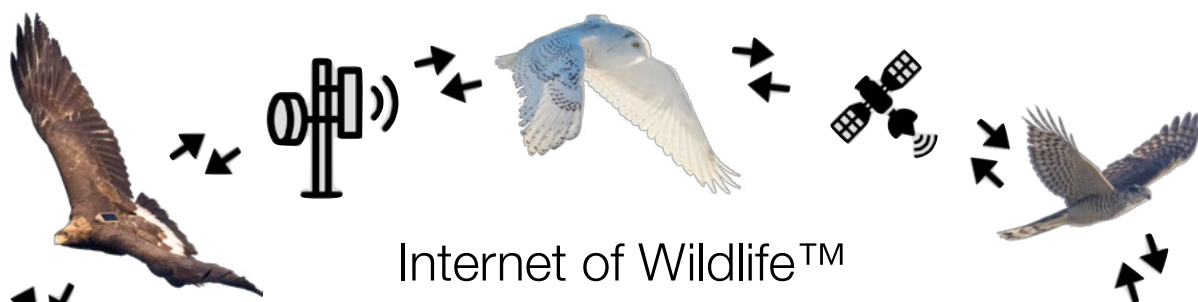
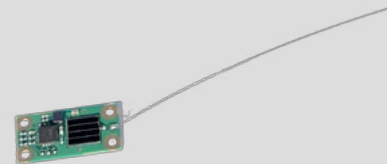


GSM + Argos Satellite Hybrid



GSM + Argos Satellite Hybrid with ACC combines the global coverage of the Argos satellite network with high speed GSM networks. Now, you don't have to choose between high resolution data collection or infrequent positions. Our CTT® devices have demonstrated collecting up to 1.5 million data points a day for a variety of sensor options. Our line of telemetry devices has expanded: GSM Argos Hybrid • GPS+Argos • UHF ULR • Argos PTT • Automated Radio Telemetry with Motus compatibility.

The Motus compatible 0.35g LifeTag, capable of transmitting for many kilometers, requires no battery. With one global frequency and over 4 billion unique IDs, LifeTags can be uniquely tracked around the world.



Internet of Wildlife™

The future is here! All of our wildlife transmitters are capable of communicating with each other, creating a global wildlife telemetry network like no other. Yes, with CTT, a sparrow can now "talk" to a Golden Eagle!



Copyright © 2019 Cellular Tracking Technologies LLC.
All rights reserved.
© 2013 to 2019 by Cornell University. All Rights Reserved.
CTT® is a registered trademark of Cellular Tracking Technologies LLC.
This equipment is covered by one or more U.S. Patents, Patent No. 8,258,942.

1021 Route 47 South, Rio Grande, NJ 08242 USA

www.CellTrackTech.com

Email: sales@celltracktech.com

+1-866-582-8707

Schedule

Just the main author/presenter is listed here. All authors are listed in the abstract.

28th Thursday | official start of the IBOC 15:00, please make sure to take care of your own transportation and lunch

- | | |
|--------------------|--|
| 06:00 | The IBRCE staff invites you for birdwatching on the grounds of the park. Please make sure to take care of your own transportation |
| 08:30-13:00 | "World Migratory Bird Day", The impact of plastic on seabirds and marine life. Join us for an educational awareness-raising event implemented by the IBRCE and SPNI in cooperation with Environment for the Americas and the Municipality of Eilat. We will start in the bird park and after a short introduction to the problem by Susan Bonfield, we will do a cleanup walk towards the north beach of Eilat, concluding our event with a beach cleanup.
The goal is to increase the awareness of the damage caused by plastic pollution to seabirds and other marine life. In the long run we hope to reduce the volume of plastic used around the shores of Eilat by changing the behavior of the public and local businesses and also lobbying for new regulations that deal with the source of plastic found on the beach and its surroundings (restaurants, businesses, the port, the navy, Oil Company) |
| 08:30 | Gathering at Eilat Bird Sanctuary - Introductions, a short lecture includes the trailer of the film Albatross, preparations. |
| 10:00 | Cleanup walk from the bird sanctuary to the Red Sea beach, collecting plastics and other garbage. On the way - expert guiding stations by international and local organizations. Underwater cleanup will take place as well by the Guardians of the bay and the diving schools. |
| 12:00 | Closing event at the beach - Summary, sorting and separating the collected garbage. |
| 13:00 | End of World Migratory Bird Day event |
| 15:00 | IBOC - Registration desk opens in the Yam Suf hotel |
| 17:00 | Opening session, session chair Dan Alon |
| 17:00 | Iris Han: SPNI our conservation efforts |
| 17:20 | Dan Alon: The story of the Israeli bird observatories |
| 17:40 | Doron Markel from KKL |
| 18:00 | Mike Lanzzone: The Internet of Wildlife™- connecting technology and wildlife to answer the big conservation questions of today and tomorrow |
| 18:40 | Noam Weiss: The International Birding & Research Center, Eilat - How we recruit our community for nature conservation of the flyway |



- 19:00** | Alena Kacal: How can bird observatories better serve and outreach to birdwatchers - results of a survey of birdwatcher in Israel
- 19:20** | Nir Sapir: Avian life-history, ecology, evolution and global change biology studied by bird feather moult.
- 20:00** | Meet and greet in the hotel lobby and time for dinner

29th Friday | Day host: Alena Kacal

- 05:30** | Bird watching trip
- 08:00** | Breakfast in hotel
- 09:00** | C. John Ralph: New world bird observatories: Their origins, evolution, speciation, demography, and ecology
- 09:45** | First session, topic: Conservation, session chair: Susan Bonfield

1	Eshel Ophir	The National Institute for Ornithological Research (NITOOR) - a novel concept to promote ornithological research and conservation in Israel
2	Pablo Elizondo	Conservation of declining species through bird observatories, experiences from the highlands of Costa Rica
3	Tuvia Kahn	The Jordan valley Birdwatching Center: Towards peaceful solutions of conflict between birds and farmers.
4	Fagimba Camara	Mangrove regeneration project implication on migratory bird
5	BAH Mouhamadou Aliou	Community bird conservation: the case of the association Nature-Communautés-Développement (NCD) in Senegal.
6	Yoram Zvik	Boats or Birds: Yeruham Birding Center - A Case of Grass-root Conservation

- 11:25** | Coffee break
- 11:45** | Second session, topic: Technology and diseases, session chair: Rob Adams



1	Stuart A. Mackenzie	The Motus Wildlife Tracking System: working collaboratively to cover more ground
2	Pedro Martins	Bringing data collection to the XXI century: Advantages and disadvantages of the use of technology on wildlife surveys
3	David Schimel	Remote sensing of avian habitat for restoration in fire-prone chaparral landscapes
4	Susan Bonfield	Using remote sensing of avian habitat to direct bird conservation
5	Björn Olsen	Migratory waterfowl and dissemination of Influenza A virus - how can bird observatories contribute to epidemiology?
6	Magnus Hellström	Long-term surveillance of influenza A viruses in migrating wild duck populations - background and setup

- 13:20** Lunch break - Greek style, vegetarian buffet at the Mykonos beach. Bring your binoculars!
- 15:00** Gerard Troost: Towards a centralized platform for storing and displaying data. The benefits of an online website and database for Bird Observatories based on the example of Trektellen.org
- 15:30** Third session WORKSHOP by Gerard Troost and Björn Malmhagen. Which are the most important needs for Bird Observatories to start storing data in a common platform?
- 16:00** Fourth session, topic: The roles of bird observatories, session chair: Björn Malmhagen

1	Magnus Grylle	Information and data sharing through birdobservatories.com
2	Yoav Perlman	The role of bird observatories in monitoring the state of Israel's birds
3	John D Alexander	How bird observatories can mediate environmental conflict through transparent conservation planning, scientific processes, and management-relevant research and monitoring
4	John Horton	Conservation fund raising through corporate organizations. Connecting marketing and publicity with data collection. Raising awareness of bird ringing as a conservation tool.
5	David La Puma	And then there were four: How a Friendship Agreement and the IBOC have increased connectivity between four bird observatories from around the world
6	Nicole Büttner	Challenges and opportunities of establishing a network of bird observatories and a national bird banding scheme in Ecuador

17:40 Coffee break

18:00 Fifth session, topic: Monitoring projects, session chair: Mike Lanzone

1	David Walker	Bird Observatories are not just for the birds.
2	Alexandre Vintchevski	Nature paradise in Chernobyl exclusion zone of Belarus: possibilities for research and tourism
3	Ulf Ottosson	The African Bird Atlas Project - mapping the distribution of Africa's birds, promoting public engagement and building capacity for citizen science in Africa
4	Louis Sallé	The French Migration Atlas
5	Irith Aloni	February precipitation in the wintering grounds of the Lesser Whitethroat as a migration cue

19:25 Jonathan Meyrav: Birding tourism as a tool for conservation

20:00 Opening dinner in the hotel

30th Saturday | Day host: Nadav Israeli

05:30 Bird watching trip

08:00 Breakfast in hotel

09:00 Bea Maas: Avian Ecosystem Services: Science, birds and people, and how bird observatories can be involved and help

09:45 First session, topic: The history of bird observatory research, session chair: Bea Maas

1	Gidon Perlman	Migratory and resident bird population trends: Results of 25 years of standardized bird ringing at the Jerusalem Bird Observatory
2	Manuel Grosselet	20 years of monitoring birds in an urban landscape through ringing
3	Trevor Lloyd-Evans	Migration banding and the value of consistent methodology - a mist netting study over 50 years.



4	Jochen Dierschke	From Helgoland Bird Observatory to the Institute of Avian Research
5	Batmunkh Davaasuren	A review of bird ringing history in Mongolia and Bird ringing activity of Khurkh bird ringing station
6	Pavel Pinchuk	20 years activity of Turov Ringing Station, Southern Belarus

11:25 | Coffee break

11:40 | Second session, topic: Bird observatory development, session chair: David La Puma

1	Luiza Figueira	The outbreak of bird observatories in Brazil: challenges and perspectives
2	Lusine Aghajanyan	Perspectives of Bird Observatory Development in Armenia
3	Miguel E. Matta P	Paso Portachuelo, a field laboratory for bird migration studies at northern south America.
4	David La Puma	The birth of a next-generation banding station in Cape May, New Jersey

12:45 | Lunch break - BBQ at village beach. Bring your binoculars!

14:25 | Amir Balaban: 25 years of empowering new generations of birdwatchers and conservationists.

14:55 | Third session, WORKSHOP by Amir Balaban and Alena Kacal. Creating a habitat for future conservation leaders and birders.

15:25 | Fourth session lightning, topic: Quick as lightning, session chair: Jonathan Meyrav

1	Charlotte Berg	Monitoring waterfowl spring and autumn migration at Lake Hornborgasjön 1991-2018
2	Jonas Bonnedahl	Monitoring antibiotic resistance through wild birds
3	Steffen Oppel	Establishing a long-term raptor migration monitoring programme at Sarimazi, Turkey, to assess Egyptian Vulture population trends
4	Heidi E. Ware Carlisle	Working with Students and Community Volunteers to Achieve Bird Monitoring and Habitat Restoration Goals



5	Evan Dalton	A role for bird observatories in climate change education
6	Stuart A. Mackenzie	Phenology of the avian spring migratory passage in Europe and North America: asymmetric advancement in time and increase in duration
7	Yuval Dax	Creating a Bird Haven 'out of scratch' in the Heart of a busy metropolitan
8	Inbal Schekler	Terns' survival and reproduction in Israel: Research, monitoring and educating project on the threatened terns.

16:20

Poster session and coffee break

Eli Haviv	Survey of Arabian Warbler in Israel
Noam Weiss	Monitoring Steppe Eagle population in Eilat
Tzur Magen	After school birding clubs for children and youth: our experiences from Israel and how to Do It Yourself
Anat Gal	Creating a Bird Haven 'out of scratch' in the Heart of a busy metropolitan
Yosef Kiat	The importance of recording the active moult of bird primary feathers during bird-ringing activities
Shlomit Lipschitz	Back Yard Birds Count in Israel
Björn Gísli Arnarson	Rapid growth of Barnacle Goose (<i>Branta leucopsis</i>) population in SE- Iceland
Björn Olsen	Migratory birds and dissemination of tick-borne pathogens; Crimean-Congo and Alkhurma Hemorrhagic fevers and Rickettsia
Hans Erik Karlsen	Trends in spring migration numbers and timing at three Norwegian bird observatories
Evan Dalton	Climate Lab: Using Bird Data for Climate Change Education
Kristjan Adojaan	On-screen observatory - interactive visualisation of bird tracking data
Stuart A. Mackenzie	Monitoring population trends of boreal forest birds with migration counts
Gunnar Thor Hallgrímsson	Estimating breeding densities of Icelandic redwings using point counts of singing individuals: what is the impact of timing?
Art Villem Adojaan	Volunteers in action - long-term effort of science popularization at Vaibla Ringing Station
Inbal Schekler	Terns' survival and reproduction in Israel: Research, monitoring and educating project on the threatened terns.
Sophie Jaquier	"Binoculars4Charity"

Simon S. Christiansen	The Observatories in Denmark. An example of developing three different Observatories under one umbrella
Simon S. Christiansen	The Scandinavian Triple

18:00 | Fifth session, topic: Caucasus, session chair: Doron Markel

1	Michael Heiss	The development of the Besh Barmag Bird Migration Count in Azerbaijan and its importance for the monitoring of Eurasian migrant birds
2	Triin Kaasiku	Batumi Raptor Count: our strategy for monitoring more than one million raptors in the eastern Black Sea flyway
3	Christoph Himmel	Research on waders in Southern Azerbaijan, one of the last under-surveyed areas of the Western Palearctic
4	Aslan Bolkvadze	Illegal Killing of birds in Batumi bottleneck

19:05 | Simon Gillings BTO: Nocturnal flight call monitoring: potential and standards for quantifying bird migration

19:45 | Dinner break (self-provisioning)

20:45 | Ricky Arnolds - NASA Astronaut: No Borders, Only Beauty: a bird's eye perspective of our home planet

21:15 | Yossi Leshem: Building partnerships and cross border cooperation to enhance environmental education concerning birds

21:45 | End of day program

31st Sunday | Day host: Yael Lehnardt

05:30 | Bird watching trip

08:00 | Breakfast in hotel

09:00 | Ikram Quttaineh: A Shifting Baseline in Birdwatching and Conservation in Palestine

09:45 | First session, topic: Education, session chair: Ikram Quttaineh

1	Jody Allair	Lighting the Spark: the important role of Bird Observatories for connecting people to birds and nature. A Case Study on the development of an education and outreach program at Bird Studies Canada's Long Point Bird Observatory.
2	Johan Lorentzon	How do we keep our most valued volunteers - using motivation to secure high quality work.



3	Jhorman Piñero	Festival of Migratory Birds of Venezuela, an initiative of environmental education and outreach for the conservation of Venezuelan avifauna, aimed at children and young people of school age.
4	Susan Bonfield	World Migratory Bird Day: A Global Education Campaign for the Protection of Our Shared Birds
5	Yael Lehnardt	One day, all of this will be yours: birding clubs for children
6	Yohay Wasserlauf	The role of local birding clubs as local nature watchers

11:25

Coffee break

11:40

Second session, topic: Technique, methods and research, session chair: Sean S. Walls

1	Måns Karlsson	Semi-automatic identification
2	Douglas M. Collister	Refining the geographic source of a fall Neotropical Migrant at Inglewood Bird Observatory in Western Canada using d2H measurements and genetic analyses of feathers.
3	Mike Lanzone	CTT InSight: high-resolution tracking of small organisms with Motus-compatible transmitters
4	Thomas Kliner	Departure decisions in songbirds with different migration strategies: rushed long-distance migrants depart earlier and more independently of wind than medium-distance migrants
5	Dries Engelen	Age-specific trends in timing and abundance of autumn passage reveal population dynamics in migratory raptors using the eastern Black Sea flyway
6	Ron Efrat	Management of and outputs from a large database and the role of bird observatories in Israeli ringing

13:20

Lunch break in the Coral Reef Reserve including presentation. Bring your binoculars!

15:00

Third session, topic: Species, session chair: Tal Polak

1	Jay Carlisle	Long-billed Curlews (<i>Numenius americanus</i>) Through the Annual Cycle - Continuing Threats and New Developments
2	Ákos Monoki	Conservation of the Collared Pratincole (<i>Glareola pratincola</i>) in Hungary



3	Shai Agmon	Nature's grossest blunder"? High occurrence of hybridization between two <i>Acrocephalus</i> species.
4	Inbar Shlomit Rubin	Cranes, farmers and ecotourism in the Hula Valley, Israel

16:25

short break

16:30

Fourth session, topic: Communities and habitats, session chair: Itai Shanni

1	Hamutal Friedman	Anthropogenic effects on resident bird communities in Israel
2	Tal Raz	Identification of migratory songbird African wintering habitats and implications for conservation
3	Eyal Shochat	The "Be'er Sheva River Park" Birding Center - Wetland Restoration Two Decades After Draining
4	Sophie Jaquier	Fundraising at the Swiss Ornithological Institute

17:40

Break and time to freshen up

18:15

The bus to the IBRCE departs from the hotel

18:30

Coffee break in the IBRCE

19:00

Noam Weiss: We fight windmills - bird and habitat conservation in and around Eilat, some experiences of the IBRCE

19:30

Sixth session, WORKSHOP by Noam Weiss and Ikram Quttaine. Towards community based bird and bird habitat conservation.

20:00

Final banquet dinner event in the IBRCE

22:00

End of the day program



ECOTONE[®]

www.ecotone.pl/telemetry



ECOTONE GPS BIRD TRACKERS

remote GSM and UHF download

GENERAL INFORMATION

Registration/Information Desk Registration for the 3rd Meeting of the International Bird Observatory Conference includes your welcome packet, conference program, and admission to all featured speakers and General Sessions (oral, lightning and poster as well as workshops).

It also covers the following:

- Morning birdwatching trips on Friday, Saturday and Sunday
- Running coffee station, juice and water in the conference hall.
- Coffee break with cake/cookies once a day on each full conference day
- Welcome/Icebreaker Reception on Friday evening in the conference hotel restaurant
- Lunch breaks on all conference days at beach sites next to the hotel and in the coral reef reserve on Sunday (including a lecture about the reserve and entrance to the reserve), bring your binoculars and if you like swim suits and towels
- Shuttle to the IBRCE on Sunday for the last coffee break and the last workshop session of the day and shuttle back after the session or after the banquet dinner (banquette dinner must be pre-ordered)
- Conference bag with notepad, pencil, information material, a reusable cup and more. Please note that all materials that you don't wish to take home after the conference can be given back to us for reuse and recycling.

In addition, please note that the cost of your registration helps to subsidize lodging and travel expenses for featured speakers and scholarship receivers.

A registration / information desk is set up in the hotel lobby on the 28th of March. The desk will be stationed in front of the conference hall for the rest of the conference.

On-site registration/information for new registrants, as well as check-in for those who have pre-registered, will be available at the following times: • Thursday, March 28th : 3:00pm to 8:30pm • Friday, March 29th : 8:30am to 5:00pm • Saturday, March 30th : 8:30am to 5:00pm • Sunday, October 29: 8:30am to 5:00pm

Note: Please wear your name tag at all times, as it serves as your admission ticket to all events covered by your registration fee.

A **day host** was appointed for Friday, Saturday and Sunday at IBOC. These hosts will make sure everything goes smoothly and help you in case you have questions. If you are a session chair the day host will help you if you need anything for the session. If you are a featured speaker the day host will introduce you and your presentation. So if you want them to say something specific about you or your presentation please approach them before.

The day hosts will be: Friday - Alena Kacal, Saturday - Nadav Israeli, Sunday - Yael Lehnardt.

A Message Board will be maintained next to the Registration/Information desk throughout the meeting. Please check it often, as it will be used for important updates, requests for rides, etc.

Wireless Internet access is available throughout The Yam Suf Hotel. The password is provided to you when you check into your room. Otherwise, ask at the front desk.



A computer desk will be available in/next to the conference hall. Here you can check the program and the abstracts and read this general information.

IBOC goes green and hence we will NOT provide a printed version of this program because we like our trees alive better than in the paper trash can. You will also find a reusable cup in your conference bag. Please take it with you throughout the conference because we will not provide single use plastic cups. We will provide you a pencil instead of a plastic ball pen, but don't worry there will be a pencil sharpening station attached to the computer desk.

For fax and copy service, go to the hotel front desk.

There is an **ATM** located next to Aroma restaurant in front of the hotel.

The hotel has free parking on site. You may also park on the parking lot next to the hotel or the one on the other side of the road, but be aware that parking tickets must be purchased.

ACCESSIBILITY The Yam Suf hotel and the conference hall are wheelchair accessible.

Dietary needs can also be met.

Special **IBOC Conference T-shirts** are available for \$10 while supplies last. T-shirts are available at the Registration Desk. Get yours before they're gone! And pick up your pre-ordered ones.

We know how important coffee is; therefore we have a running coffee, juice and water station in the conference hall. Additional coffee breaks including cakes and cookies are scheduled daily according to the program

The conference hall will be open also while breaks so you can meet and greet old and new friends.

Aroma Restaurant Located just in front of the hotel serves sandwiches, soups, salads and all kinds of baked goods. Opening hours: daily 7:30am to 10:00pm. Along the beach on the opposite road are several beach restaurants and bars.

Restrooms are located just outside the conference hall.

Program

All **sessions and talks** besides the poster session will be held in the conference hall, which is next to the hotel lobby on the ground floor. The poster session will be in the hotel lobby, just next to the conference hall.

Because you can't come to Eilat without **visiting the IBRCE** we made sure that each one of you will have the chance to get there at least once. The last coffee break and **last workshop** session of the IBOC will be held in the IBRCE. The shuttle bus will leave the hotel at 18:20. Make sure you will be in time, the bus will not wait! Shuttle cost is included in your registration. Just wear your name badge. The bus will take you back after the workshop at 8pm or after the banquette dinner at 10pm. The drive will take about 15min each direction.

The banquette dinner will be in the IBRCE as well. Please make sure to purchase your tickets for the final banquette in advance online or at the registration/information desk. Tickets cost \$50 and include a buffet dinner with several courses, alcoholic and non-alcoholic drinks, music and good company.



Raffle: In an effort to lower the carbon footprint of the conference, a Carbon Offset Raffle will take place at the final banquet dinner in the IBRCE. Participants are invited to bring items for the raffle from their Bird Observatories or that represent their country. Items can be dropped off at the Registration desk on Thursday and Friday. Tickets will be on sale at the Registration desk on Sunday and at the Final Banquet. Money raised will go to a habitat restoration project in the Arava area.

Presentations

Please take note of your presentation date and time. Please note that all presentations have a time limit, including questions. It is extremely important that we maintain this schedule. All presenters are asked to bring their power point presentations for loading the day before your presentation if at all possible. Please make sure your power point file title uses the following format: "Day_Time_LastName" (i.e. Sun_13:20_Smith). Computers for uploading presentations are located at the computer desk. There will be someone available from approximately 8:30 am to 6pm to accept and load your presentation onto a thumb drive. You can review your presentation on one of the computers at the computer desk.

Posters

The poster session will be held on Saturday the 30th at 4:20pm at the hotel lobby next to the conference hall. Poster display boards will be set up by 13:00 the same day. The poster stands and boards will be in the conference hall at all times displaying IBOC posters with the pictures we received from participants. We suggest you set up your poster while one break the day before or on Saturday in the conference hall. Therefore you just take one of the poster boards, flip it over and attach your poster to the other side of the board. Then put it back on the stand in its previous position. This will help us to set up the poster session in no time. Supplies will be available on the computer desk. Poster display boards will be moved to the lobby on Saturday at 13:00. The poster display boards are 100cm x 70cm foam core pegboards on a wooden frame. Posters may be attached to the display boards with push pins, staples, tape, etc. All authors should be at their posters and prepared to discuss their work from 4:20pm to 6:00pm on Saturday. Posters may remain on display until Sunday 6pm. All posters must be removed no later than 6pm on Sunday.

Notice to all attendees: As a courtesy to all presenters, we request that all attendees silence all cellular phones while attending the meetings, or general sessions.

Birdwatching trips

We will conduct daily free guided birding trips every morning to one of the following: The bird sanctuary and banding station, the raptor watch point and to desert areas. These trips will leave from the hotel door at first light (05:30) and will be back for breakfast at 08:30. The fee for the trips and the shuttle bus are included in your registration fee.

On April 1st, we will offer guided birding trips for a fee which can be booked while registration online or at the registration/information desk, to the following destinations and prices:

- Eilat's Birds Sanctuary and the surroundings - 3 hours. \$30.
- Nizzana and the Negev highlands for Macqueen's Bustards, coursers, vultures and other desert birds - 12 Hours. \$90.

A minimum of 15 participants for each trip is required.



FEATURED SPEAKERS | IBOC 2019

Dan Alon is the Director Israel Ornithological center of The Society for the protection of nature in Israel. He has been a senior member of Israel's birding community for the last 35 years. Between 1982 and 1995 Dan was the volunteer in charge of Israel's annual raptor surveys. In 1995, Dan became the director of Israel Ornithological center of the Society for the Protection of Nature in Israel. Dan obtained his BSc. in Biology from Haifa University and his MSc. in Zoology and Ecology from the Life Sciences Department of Tel Aviv University. Dan has developed and managed numerous bird conservation projects, including the Lesser Kestrel, Houbara Bastard, and various Sandgrouse species, Greater Hoopoe Lark and manages several joint projects with the Palestinian Authority and Jordan.

Ricky Arnolds the NASA Astronaut has previously lived and worked in the Middle East and North Africa for 8 years while teaching children of all of the region's faiths. He recently returned from humanity's most distant outpost - the International Space Station. The ISS was built on the belief that when humans do leave Earth, we do so not as representatives of a country, but as of a species. The ISS has lived this vision since the arrival of its first crew in the year 2000 and has remained a continually crewed outpost of the human race since that time. It has been visited by astronauts from eighteen countries - and counting. Visitors to the ISS have the rare privilege to look down on our home planet and see its sublime beauty, apparently free of the political boundaries and strife that far too often accompany them.

Amir Balaban Co-founder of Jerusalem Bird Observatory and the Gazelle Valley Park. Amir Balaban is a pioneer in the field integrating nature within the urban area; he has a degree in Arts from the Bezalel Academy of Art in Jerusalem. Amir is the Director of the Society for the Protection of Nature in Israel's Urban Nature Department, as well as being the Co-Founder and Director of the Jerusalem Bird Observatory and is Director of the recently opened Gazelle Valley Park, Israel's largest urban nature project. He is in the process of developing a national urban nature masterplan and in supervising projects in over a dozen cities and localities, both in Israel and internationally. For 30 years he has been guiding wildlife tours in Israel, Africa and Antarctica where he shares his impressive knowledge about birds.

Simon Gillings British Trust for Ornithology. Simon Gillings has been working at BTO for 23 years and is currently Head of the Population Ecology and Modelling team. He is an honorary lecturer in the School of Biological Science at the University of East Anglia where he completed his PhD on the foraging and nocturnal behaviour of Golden Plovers and Lapwings. He led the development of the Britain and Ireland Bird Atlas 2007-11 project and now shapes research using BTO citizen science schemes.

Yossi Leshem is Professor Emeritus in the School of Zoology at Tel Aviv University, and founder of the International Center for the Study of Bird Migration. In 1971, he began his career at the Society for the Protection of Nature in Israel and was CEO (1991-1995) and chair of its public council. He has been researching bird migration and raptor breeding ecology for 45 years. His doctoral research at Tel Aviv University, conducted in cooperation with the Israel Air Force, reduced aircraft-bird collisions by 76%. Yossi developed an online scientific educational curriculum that is currently taught in approximately 400 schools. He spearheaded the national effort to use barn owls as biological pest control agents in agriculture, significantly reducing the use of pesticides, and led an extensive research project in cooperation with the Max Planck Institute at Radolfzell to track migrating storks.



Bea Maas is a postdoctoral researcher, currently affiliated to the Universities of Vienna (Austria) and Göttingen (Germany). Her research is focused on the study and evaluation of landscape transformation and management scenarios on biodiversity conservation, ecosystem services and human well-being -in both tropical and temperate areas. Today, she is coordinating and co-leading research projects in Austria, Germany, Costa Rica and Peru, as a postdoctoral researcher. In 2016, she became Associate Editor of the scientific journals *Biological Conservation* and *Perspectives in Ecology and Conservation*. In recent years, she expanded her research focus and international network to work more intensively on socio-ecological issues at the interface of land use ecology and society, including recent projects on implementation gaps in conservation research and governance.

Ikram Quttaineh from the Hanns Seidel Foundation, is a project coordinator for nature conservation projects in Palestine. She was graduated with a Master degree on Rural Sustainable Development from Alquds University and her thesis was about "Ecotourism Destinations Evaluation Based on Developmental Indicators". Through her work, she supports the Palestinian ministries, NGOs, municipalities, and the community to conserve nature and birds.

C.J. Ralph Co-founder, Point Blue Conservation Science C. John (CJ) Ralph is a Research Wildlife Ecologist Emeritus at the USDA Forest Service's Redwood Sciences Laboratory in Arcata, California, and a Faculty Associate in the Department of Biological Sciences at Humboldt State University. He was educated at U.C. Berkeley, San Jose State University, and the Johns Hopkins University. CJ co-founded Point Reyes Bird Observatory (now Point Blue Conservation Science) with Dr. L. R. Mewaldt, the Klamath Bird Observatory (with John Alexander), the Humboldt Bay Bird Observatory, and the Costa Rica Bird Observatories (with Pablo Elizondo).

Nir Sapir Senior lecturer, University of Haifa, Israel. Nir Sapir works at University of Haifa in Northern Israel and studied in Ben-Gurion University and the Hebrew University in Israel. He took post-doc positions at the University of California, Berkeley and the Max Planck Institute of Ornithology, Radolfzell, Germany. Since 2014 he is the head of the animal flight group at the Department of Evolutionary and Environmental Biology, University of Haifa. His studies focus on bird migration and life-history and more broadly on different aspects of animal movement.

Gerard Troost is the founder and developer of Trektellen.org, and Senior Developer at Sovon, Dutch Centre for Field Ornithology. After his study in business software and a short carrier in commercial software Gerard moved to the non-profit world in 2006. At Sovon Gerard developed online web portals for the recent Dutch Bird Atlas, the various national bird monitoring programs and developed and implemented software for automated analysis of territory mapping. In his spare time, Gerard is an avid bird watcher with a special focus on the migration count sites at Breskens (spring), De Nolle (autumn) and Westkapelle (seawatch).

Noam Weiss from the International Birding & Research Center, Eilat. Noam has been working for the IBRCE since 2005. He came to Eilat to develop the IBRCE into a community based nature conservation bird observatory, creating community related activities, environmental education and eco-tourism. Noam is the director of the IBRCE since 2014 and he shares his time building it in his vision as a hub for bird related nature conservation, monitoring, conservation research, community and environmental culture. Noam was also managing the Tel Aviv birding center and the national network of bird observatories in Israel. Noam works for the Society for the Protection of Nature since 2010.



Fundamental to QLF's Middle East Program is the recognition that shared environmental challenges serve as a bridge to mutual understanding, allowing for collaborative conservation across geography, political boundaries, and cultural frameworks.

QLF provides neutral ground for persons of diverse cultural and religious contexts to engage in sustained dialogue around a shared concern and common challenge - in both cases, the environment.

The Middle East Program builds on this foundation to cultivate relationships of trust, mutual respect and shared learning across borders.

Today's Program Alumni comprise a fine cadre of two hundred conservation and community leaders who share a long-term commitment to QLF, each other, and the environment.

The Quebec-Labrador Foundation is a non-profit organization in the U.S. and a Registered Charity in Canada.

www.QLF.org



Quebec-Labrador Foundation - U.S. • 4 South Main Street Ipswich, Massachusetts 01938 U.S.A. • 978.356.0038
Quebec-Labrador Foundation - Canada • 606 Rue Cathcart, Bureau 401 Montréal, Québec H3B 1K9 • 514.395.6020

Lotek

For all your bird tracking needs

Around the world

GPS

Argos download
Iridium download
VHF download
Solar powered tags

Coded Nanotags
For the Motus array

Geolocators
For small migratory birds



Migration
Connectivity
Dispersal
Breeding
Survival
Mortality

Different research requirements?

Different species?

Different solutions!

WWW.LOTEK.COM