

## - Introduction -

Paris Zoo and the National Museum of Natural History are really pleased to welcome you for the EZE 2017.

With all our partners from EAZA, CFPZ, AFdPZ and the Tropical Aquarium - Palais de la Porte Dorée, we hope that you will have a great time of exchanges, sharing and enrichment during these few days in Paris.

Paris Zoo is part of the National Museum of Natural History, a scientific institution which manages 11 other museums, gardens and zoos throughout France, beside its research and education activities. With the rebuilding of Paris Zoo, the goal was to reinvent the zoo of the 21st century. The renovated zoo is no longer a simple attraction where animals are objects of curiosity but a formidable tool for reconnecting citizens with nature, a place where all publics are made aware of biodiversity's challenges, a center for conservation of animal species, a place of science, research and expertise which respects the well-being of its residents. The zoo is a platform for exchange and natural knowledge, a place at the crossroad of missions of the Museum.

The zoo's renovation relied on the human's fascination for wildlife and its wish to break from its surrounding urban environment. That's why we chose to combine a design based on landscape immersion that evokes the natural environments of species with great panorama in some cases, and a real proximity with other animals in others.

Many displays punctuate the trail offering different educational approaches combining fun and scientific discoveries accessible to all visitors. Paris Zoo is a lively book about biodiversity, with information panels, audiovisual broadcasts and touch table, guided tours, workshops, events, audio guide and daily feeds and demonstration...

Fortunately, there is still much to develop and innovate, and we know that this new EZE meeting will be an opportunity for all of us to share and enrich each other.

Sophie Ferreira Le Morvan

Paris Zoo Director

# Organization -

## **Organizing committee**

EAZA, Paris Zoo, AFdPZ (French Zoos Association) & CFPZ (French Zoo Educators Association)

## **Scientific committee**

Sarah Thomas (EAZA Education Committee chair)

Laura Myers (EAZA Education Committee liaison)

Antonieta Costa (Lisbon zoo)

Louisianne Fauchille (La Barben zoo)

## **Local organizing committee**

Mirko Marseille (EAZA)

Agathe Djebbari (Paris Zoo)

Elisabeth Quertier (Paris Zoo)

Julie Jet (Paris zoo)

Magaly Bouyer (La Vallée des Singes)

Guillaume Picard (Le PAL Zoo)

Adeline Godefroy (La Barben Zoo)

Louisianne Fauchille (La Barben Zoo)

Camille De Roux (Lyon Zoo)

Fanny Blais (Puy Du Fou)

**Damien Montay** (Marineland)

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French Zoos Association afdpz.org



French Educators Association cfpz.fr





## PROGRAM -

## **MONDAY 13 MARCH**

0915 EAZA Academy Seminar: 'Working with Conservation Storytelling for Zoo Educators' at Paris zoo

1730 Conference Registration Opens

1800 Icebreaker at Paris zoo

## TUESDAY 14 MARCH

#### 0830 Registration and Welcome coffee at the Aquarium Tropical de la Porte Dorée

#### 0900 Opening Session

- Welcome to Paris by Bruno David, President, National Museum of Natural History
- Welcome by Dominique Duché, Director, Aquarium Tropical de la Porte Dorée
- Welcome from the hosting committee: PZP, CFPZ and AFdPZ
- Welcome from EAZA and introduction to conference themes by Myfanwy Griffith, EAZA Executive Director

#### 1000 EAZA Education Committee Update - Sarah Thomas (Chair) and Committee members

## 1020 Keynote speaker of the conference: Susan Clayton

Professor of psychology and and Chair of Environmental Studies at the College of Wooster. Her research focuses on the human relationship with the natural world, how it is socially constructed, and how it can be utilized to promote environmental concern.

### 1100 Coffee break

## 1. Arts and Culture programmes in EAZA Zoos and Aquariums

The Arts and Culture can play a key role in communicating messages about Biodiversity and Conservation. This session highlights how inspiration can be drawn from the visual arts, literature, poetry, history, creative writing use of in zoo education programmes that showcase the interface between Art and Science.

<u>Keynote speaker</u>: Christiane Herth. member of InSEA (International society for education through Art), professor at Sorbonne University - Paris. Her approaches are situated at the crossroads of the sociology of education, the sciences of education and the didactics of the discipline and cultural studies.

- Art'Sci Engaging Hearts, Minds and Hands Antonieta Costa, Jardim Zoologico de Lisboa
- Grey Cube Galleries in Helsinki Zoo inspiration and awareness raising through art Marjo Priha,
   Helsinki Zoo
- Interactive theatrical programs in the Moscow Zoo as a form of environmental education —
   Anastasia Kadetova/Tatiana Voronina, Moscow Zoo
- Raising ocean literacy through creative writing and drawing Teresa Pina, Oceanário de Lisboa
- Evaluating an environmental education programme in Nigeria using children's drawings Louise
   Francis, Paignton Zoo Environmental Park





#### 1300 Lunch at Paris zoo

#### 1430 2. Conservation Storytelling

This theme is focused on how the principles of storytelling can be used to deliver key conservation messages to different types of zoo audience. How do you adapt educational actions with the targeted public and the discussed topic? This session highlights different ways of effective storytelling in different situations, for different audiences and also ways to evaluate the intended learning outcomes.

<u>Invited speaker</u>: <u>Marie Whitead</u>, conservation educator. She has been conducting nature discovery workshops for all audiences, exploring how the sensitive approach makes possible to bring emotions to the public, stories, tales, are excellent tools to make it happen.

- Animal Presentations at the Zoo of Zürich Nina Kunz, Zoo Zürich
- Once upon a time... The Zoo's storyteller! Daniele Rizzelli, Zoomarine Italia S.p.A.
- Marine Plasticology a new science that will change the world Patricia Filipe, Oceanário de Lisboa

Special Guest speaker: <u>Colomba de la Panouse</u>, Parc Zoologique de Thoiry, Chair EAZA Communication Committee.

#### 1600 Coffee break

#### 1615 3. Groups with additional needs at the zoo

There are many people (both children and adult) who visit our zoos that have special education needs and disabilities. This session highlights programmes that focus on innovative multiple sensory programmes, those that focus on improving mental health and well-being and ways of making EAZA zoos and aquariums more inclusive places to visit and take part in conservation education programmes.

- Zoo Programming and Accessibility and Design for people with disabilities Mark Trieglaff,
   Accessibility Consultation and Training Services
- Zoo by touch: programs for people with disabilities and health problems Anastasia Kadetova/Tatiana Voronina, Moscow Zoo
- Volunteers, Wellbeing and Conservation Education Nicola Buckley, Chester Zoo
- Programs for migrants and refugees in Frankfurt Zoo- a social engagement Martina Weiser, Zoo
   Frankfurt
- Reflective Practice: A strategy for educators to develop and deliver quality programs Cathriona Hickey, ZSL Whipsnade Zoo

#### 1730 End of conference day 1 and Optional tour in Paris – Cruise on the Seine river

### WEDNESDAY 15 MARCH

## 0830 Welcome coffee at the Aquarium Tropical de la Porte Dorée

#### 0900 4. Taking Conservation Education out of the zoo and aquarium

How to reach people that don't come in the zoo especially young adults? This session highlights programs involving teenagers, young adults and other hard to reach groups through examples of conservation education activities that are delivered outside the zoo grounds (in schools, public events, festivals, urban spaces and other natural environments) and what are the advantages and disadvantages of this "out the zoo" approach.

<u>Invited speaker: Myriam Baran</u>. Eco-ethologist, author, presenter of television documentaries.





- ZOO on the road An (un)expected journey Tiago Carrilho, Jardim Zoologico de Lisboa
- Tools for engaging audiences with the illegal wildlife trade Charlotte Smith, Chester Zoo
- How to combine conservation and educational projects within the Falconry Academy Fanny Blais, Académie de Fauconnerie – Grand Parc du Puy du Fou
- The town mouse and the country mouse: Sensibilization to urban and rural wild fauna David di Paolo, Parc Zoologique et Botanique de Mulhouse
- An integrated approach to local biodiversity engagement across our Zoos and communities Amy Cox, RZSS and Charlotte Smith, Chester Zoo
- Emotions, interests and feelings in zoo visitors and non-zoo visitors towards animals around
   Europe Natalia Álvarez Montes, Tanja Ruch and Paul W. Dierkes, Goethe University Frankfurt Opel-Zoo Kronberg
- What if pink is for the boys and blue is for the girls? How stereotyping may help Conservation messaging - João Neves, ZooMarine

## 1100 Coffee break

#### 1130 Paris Zoo tour

• Welcome by Sophie Ferreira le Morvan, Director, Paris zoo

#### 1330 Lunch at Paris zoo

#### 14:30 Workshops (max 30 people each) at the zoo

- Special Young Children Estelle Barbeau, Zoodyssée
- Innovative and collaborative teaching in the Zoo A practical approach to environmental education using Technology Tiago Carrilho, Jardim Zoologico de Lisboa
- Use of animal dissection as an educational tool Charlotte Coales, ZSL London Zoo; Nina Collatz Christensen, Odense Zoo; Bengt Holst, Copenhagen Zoo
- Education and Entertainment Guillaume Picard, Le PAL
- SEND: A Practitioner's Toolkit Hannah Pritchard, ZSL
- An Introduction to Education Strategy Development Sarah Thomas, ZSL, Chair EAZA Education Committee

Workshop time includes a coffee break from 16:00-16:30

## 1730 End of day 2

## THURSDAY 16 MARCH

0830 Welcome coffee at the Aquarium Tropical de la Porte Dorée

**0900** Presentation of the results from the workshops

#### 0930 5. Promoting Biological literacy

This theme focuses on more education programmes that are linked to school curricula and aim to raising awareness, knowledge and understanding of animals and the natural world. This session highlights pedagogical approaches to teaching concepts of science for conservation, new biological literacy evaluation techniques and ways of developing and professional practice within zoos and aquariums.

<u>Key speaker: Guillaume Lecointre (30 min)</u> Zoologist, systematic researcher, he works also on how Systematics and Evolution are taught.





<u>Invited speaker: Didier MICHEL</u> director of AMCSTI (French organisation of scientific, technical and industrial cultures, member of ECSITE)

- Teach me Tiger Applying a full curriculum in biology within a zoo setting Jenny Loberg, Nordens Ark
- Connecting teenagers with nature the Zoo Environment Behavioural Research Award (ZEBRA) Blair Cockburn, RZSS
- Together we will learn to explore, enjoy and preserve our harmony with the sea Ruta Ziliene and Simona Mikalkeviciute, Lithuanian Sea Museum
- The impact of education at the Bear Forest in Ouwehands Zoo Imke Putman, Ouwehands Dierenpark

### 1115 Coffee break

### 1130 6. Local Biodiversity

Linked to the EAZA campaign "Let it Grow", this theme focuses on conservation education programmes that involve local biodiversity. This session highlights activities, resources, trails and errors, partnerships and evaluation methods that zoos have been used around local biodiversity and / or the Let it Grow campaign

Invited speaker: <u>Yvan Tariel</u>, French coordinator of International Vultures Awareness Day, responsible for Birds of Prey Mission at the "Ligue pour la Protection des Oiseaux"

- Biodiversity in Our Hands Sabina Kaszak, Gdansk Zoo
- Let it Grow: BioBlitz in GaiaZOO Hanneke de Boer, GaiaZOO
- SunChild Eco Clubs: Conservation Education, New Media and Technologies Eva Martirosyan,
   Foundation for the Preservation of Wildlife and Cultural Assets
- Raising awareness to protect local biodiversity: the example of "Weekend della Scienza al PNV" Katia Dell'Aira, Parco Natura Viva, Garda Zoological Park
- How to federate a community of educators around an awareness campaign? Fanny Blais, Sabine Ketelers, Guillaume Romano, Guillaume Ourry; AfdPZ Education Committee
- Bioexplorers a new approach to education in Wroclaw ZOO Katarzyna Walowska, Wroclaw Zoo

### 1315 Lunch at Paris zoo

## **7. Open Space**

This session will follow the guiding principles of Open Space Technology, and give delegates the chance to start discussions about education-related topics that are important to them. Everyone will have the opportunity to suggest topics during the first days of the conference.

## 1600 Coffee break

#### 1620 8. EAZA Conservation Campaigns

EAZA's vision is "To be the most dynamic, innovative and effective zoo and aquarium membership organisation in Europe and the Middle East." The successful campaigns EAZA has run for the last decade are a testament to both the input from the EAZA Executive Office and the relentless hard work from many EAZA member institutions. This session will give an update from the current Let it Grow campaign and introduce the next campaign Silent Forest -Asian Songbird Crisis.

Daniëlle de Jong, EAZA Biodiversity Communication Coordinator; Amy Cox, RZSS, EAZA Let it Grow Campaign Education Champion: **Update on the Let it Grow campaign** 

Myfanwy Griffith, EAZA Executive director; Lucia Schroeder, Cologne Zoo, EAZA Silent Forest Campaign Education Champion: Introduction to the Silent Forest – Asian Songbird Crisis campaign

#### 1730 Official closure of EZE 2017

#### 2000 Farewell dinner and dancing at Le Viaduc - Restaurant

## - Poster submissions -

- Cátia Oliveira, Antonieta Costa; Lisbon Zoo; Lisbon Zoo Holiday camps a bridge between child development and environmental education.
- Ludwig Deur, Fanny Blais; Académie de Fauconnerie du Grand Parc du Puy du Fou; How to improve the cohabitation with a protected local species, the barn swallow.
- 3. Jasper Hughes; RZSS Highland Wildlife Park; The Wildlife Wombles and RZSS Highland Wildlife Park 2014-2017.
- 4. Cathriona Hickey; ZSL Whipsnade Zoo; Innovative projects at ZSL Whipsnade Zoo.
- 5. Linda Ferrante, William Ellery Samuels, Simona Normando, Daniela Florio, Federica Bordignon, Lieve Meers, Barbara de Mori; University of Padova, Padova, Italy, The City University of New York, New York, USA, University of Bologna, Bologna, Italy, Safari Ravenna, Ravenna, Italy, Belgian Institute for Animal Assisted Therapy, Assenede, Belgium; What do Italian visitors think about zoos?
- Natalia Álvarez Montes, Tanja Ruch and Paul W. Dierkes; Goethe University Frankfurt Bioscience Education & Zoo Biology, Opel-Zoo Kronberg; Evaluating visitor attitudes in the field of conservation biology.
- Katerina Zareva-Simeonova, Marcel Fens; Sofia Zoo; The people beside animals in Sofia Zoo storytelling in photo exhibition.
- 8. Katerina Zareva-Simeonova, Rositsa Gyurova-Lubenova; Sofia Zoo; Arts and culture events in Sofia Zoo.
- Guillaume Romano, Brigitte Annereau; Natur'Zoo de Mervent; One zoo, One school, one association...to save Bamboo lemurs.
- 10. Guillaume Romano, Brigitte Annereau; Natur'Zoo de Mervent; Let It Grow for a small zoo.
- Paula Calatrava, Noelia Benito, José Vicente de Lucio; Zoo-Aquarium de Madrid and UAH (Universidad Alcala de Henares), Spain; Evaluation of the Educational Message in Madrid Zoo Summer Camps.
- Elena Agafonova, Maria Sokolovskaya; Leningrad Zoo, Saint Petersburg, Russia; A long-standing Zoo program
  introducing the students of the young zoologists' club to the local biodiversity.
- 13. Elena Agafonova, Svetlana Alexandrova, Maria Sokolovskaya; Leningrad Zoo, Saint Petersburg, Russia; In situ conservation projects of the Zoo as a foundation for education programs aimed at various audiences.
- 14. Svetlana Alexandrova, Svetlana Antonova, Liubov Pripisnova; Leningrad Zoo, Saint Petersburg, Russia; «The Zoo Academy» where adults and children can learn about the work the Zoo staff do.
- Svetlana Antonova, Aleksandra Lupanova, Liubov Pripisnova; Leningrad Zoo, Saint Petersburg, Russia;
   Contrasting two different approaches to working with preschoolers at the Zoo.
- 16. Rizzelli Daniele, Durazzi Daniela; Zoomarine Italia Spa : Ass. Acondroplasia, insieme per crescere (Achondroplasia, together to grow up); Interviewed, the bee said: "I will survive!".
- Laura Myers, Joni Hut; EAZA Executive Office; Introducing the European Professional Zookeeper Qualification Framework (EPZQF).
- Marta Tezza, Katia Dell'Aira; Parco Natura Viva Garda Zoological Park srl; Internship at PNV: a job for students to understand how a zoo works.
- 19. Carola Polastri, Katia Dell'Aira, Marta Tezza; Parco Natura Viva Garda Zoological Park srl; Summer Camp at Parco Natura Viva 2016 preliminary results.
- 20. Corinne Di Trani-Zimmermann, David Di Paolo; Parc Zoologique et Botanique de Mulhouse; Categorization, Systematics, Phylogeny and Evolution. How to treat unity and diversity of life with 3 to 18 aged children.
- 21. Corinne Di Trani-Zimmermann, David Di Paolo; Parc Zoologique et Botanique de Mulhouse; Hop là Nature! Feel the local nature at the Parc Zoologique et Botanique de Mulhouse.
- Ewa Zgrabczyńska, Anna Niewiada, Małgorzata Chodyła; Poznań Zoo; International campaigns and events in Poznań Zoo.
- 23. Marion Cabrol; Amneville Zoo; Hay to preserve the fauna and the flora of the local meadow.
- 24. Vera Vrabcova; Usti nad Labem Zoo; Usti nad Labem Zoo and Campaign Let It Grow.

# - Invited Speakers -



Zoos are important locations for environmental education. But what kind of education should they aim for? This presentation will discuss the range of goals for environmental education, and the capability of zoos to move beyond merely providing information. Based on research in a number of zoos, I will argue that zoos should embrace their ability to elicit emotional responses and utilize their social context in order to create visitors who are aware, concerned, and active in addressing threats to biodiversity.

Susan CLAYTON - College of Wooster - USA



Scientists and artists share some common aims: give us knowledge, deepen and enrich our experience of the world. As a matter of fact the artist is, in his own way, a kind of researcher who uses specific methods and tools. Art also looks at objects and subjects through the lenses of perception and subjectivity. Dewey describes the artistic process as an experience that affects and entirely engage the individual. This presentation shall rely on a selection of artworks and creative process in order to pinpoint their variety and give an idea of the potential of these approaches when it comes to connecting people to nature and to promoting pro-wildlife behaviours.

Christiane HERTH - Université La Sorbonne - FRANCE



In order to discover nature, and answer to every different ways of learning according to the audience, our animations are rhythmed with various educational approaches: scientific, sensory, cultural, physical, sensitive...To arouse curiosity and develop imagination, I also use storytelling times during the animation. Storytelling, introduced with an opening sentence (once upon a time...) transports the audience out of reality, in an emotional dimension. Stories are alive, emotionally. The closing sentence, told at the end of a story is meant to be appeasing, to reassure and helps to return to reality. During my animations, storytelling will sequence every steps, or illustrates a part in particular. Telling stories is to sow a seed in people's mind."

Marie Whitead CPIE de Gâtine Poitevine - FRANCE



Working for the Thoiry zoo since 1996. Following a degree in microbiology (specialising in molecular genetics) and a post-graduate diploma in ex situ and in situ conservation management, she worked first as a keeper, then curator and then zoological director based at the Thoiry Zoo. In her 30s, Colomba obtained a further degree and then a Masters in eco-construction and advanced environmental and renewable energies studies. This helped her develop a holistic approach to zoo management, encompassing sustainable development programmes alongside furthering her education, conservation, and good husbandry and population management objectives. Since 2009, she has been Vice-CEO. In parallel, Colomba has been actively involved with EAZA, initially as a committee member of Partula snail and Komodo dragon EEPs. She has been an elected EAZA council member since 2012, an EAZA screener since 2013, chairman of EAZA's communications committee since 2014 and a member of EAZA's executive committee since 2016.

Colomba de la Panouse - Parc Zoologique de Thoiry - FRANCE



With a formation of eco-ethologist, I devote myself for four years to "Curious of Nature", a TV program, whose aim is to reveal to us the hidden beauty of our nature of proximity, the one that concerns all of us and to which we pay little attention. This recent conversion to the television world follows more than twenty years of scientific popularization on different media: magazines and books. I am also author of two concepts of animal parks. Above all, I am a naturalist who is passionate about the transmission of the knowledge of life and is motivated by the desire to make accessible to all, young and old, rural and urban, the incredible intelligence and sophisticated simplicity that life under all its forms, for millions of years.

Myriam BARAN - Ushuaia TV - FRANCE



Professor at the French National Museum of Natural History, specialized in systematics. His main concern is the evolutionary relationship between living things in the "great tree of life". He especially works on the group of teleosts, the "modern fishes" (30.000 species which represent half of the actual living vertebrates). Another important part of his activity is to improve the way of how Systematics and Evolution are taught in France; he is the author of several books on this subject. As a scientist, he has worked ceaselessly to disseminate his knowledge to very different audiences, also focusing on prevention from the politico-religious manipulations of his research field.

Guillaume LECOINTRE - Museum national d'Histoire Naturelle - FRANCE



AMCSTI is the French national network of science centers and museums. AMCSTI (association of museums and centers for the development of scientific, technical and industrial culture) brings together around 250 scientific, technical and industrial culture organizations. It is also the key international network in France. The diversity and complementary of the affiliate groups (whatever their size, specificity, thematic or localization) give to the association all of its originality and wealth. Thus, AMCSTI brings together within its program all types sort of scientific, technical and industrial culture institutions that work in the CSTI field (natural history museums, open air museums; Science centers; Planetariums, aquariums, zoos, nature centers; Child Science Education and Youth Centers; Universities and research bodies; Local authorities; Foundations, service providers, companies; Individual members of the aeneral public).

Didier MICHEL - AMCSTI - FRANCE



With over a century of involvement with more than 42,000 members, 5,000 active volunteers, 400 employees on the national territory and a network of local associations active in 79 departments, LPO (Ligue pour la Protection des Oiseaux) is today the one of the first associations for the protection of nature, in France. LPO works for the protection of the species, the preservation of the spaces and for the education and the awareness of the environment. LPO is the official partner of the Birdlife International network, in France (120 representatives and nearly 2.8 million members worldwide).

Yvan TARIEL - LPO - FRANCE

# - Public transport -

## CRUISE ON THE SEINE RIVER "LES VEDETTES DU PONT NEUF" Departure at 5:45 pm (Tuesday, March, 14<sup>th</sup>)

Escorted ride from the Aquarium de la Porte Dorée to the boat company, by metro and by walk. Round-trip metro tickets given by the hostess.

- 1. At the metro station **Porte Dorée**, take the line 8 in the direction of **Balard**
- 2. Get off at the station Reuilly-Diderot (4 stops)
- 3. Then, take the line 1 in direction of La Défense
- 4. Get off at the station Louvre-Rivoli (6 stops)
- 5. 5 minutes' walk to the bridge "Pont Neuf" (the platform is downstairs)

## FAREWELL DINNER AT "LE VIADUC" RESTAURANT At 8:00 pm (Thursday, March, 16<sup>th</sup>)

43 avenue Daumesnil 75012 PARIS Self-ride by metro and by walk. Round-trip metro tickets in the conference bag.

- 1. At the metro station **Porte Dorée**, take the line 8 in the direction of **Balard**
- 2. Get off at the station **Ledru-Rollin** (6 stops)
- 3. 5 minutes' walk to the restaurant



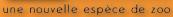
# - MAPS -

















AQUARIUM TROPICAL

