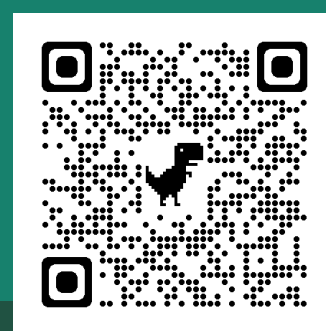


# EAZA ANIMAL WELFARE FORUM 2024

HOSTED BY PARCO NATURA VIVA, ITALY  
19-22 MARCH 2024  
PARC HOTEL PARADISO & GOLF RESORT, ITALY



## MONDAY 18 MARCH

8:30 - 15:30

EAZA Academy Workshop

### **Trailblazing Trainers: Animal Training Workshop for Zoo Professionals**

Parco Natura Viva

*This workshop is not included in the forum requires separate registration. Please see the EAZA Animal Welfare Forum 2024 webpage for more information.*

19:00 - 22:00

### **Icebreaker Event**

Parc Hotel Paradiso

Light snacks & drinks included

*Attendance must be indicated on the AWF24 registration form.*

## TUESDAY 19 MARCH

8:00 - 8:30

### **Registration**

Poster set up and workshop sign up

## MICHELANGELO AUDITORIUM

8:55 - 9:35

### **Welcome**

*Cesare Avesani Zaborra, Director, Parco Natura Viva*

*Caterina Spiezio, Head of Research & Conservation Department, Curator of Animal Behaviour and Welfare, Parco Natura Viva*

*Holly Farmer, Chair of EAZA Animal Welfare Working Group*

*Annette Pedersen, Chair of EAZA Animal Training Working Group*

*Sally Binding, Animal Welfare Coordinator, European Association of Zoos and Aquariums*

9:35-10:20

### **Plenary A**

*Contingency superimposition and the distinction between apparent and genuine choice.*

*T.V. Joe Layng, Fellow of the Association for Behavior Analysis International; Institute for Applied Behavioral Science, Endicott College*

10:20-10:35

### Poster presentations

How training helped improve the welfare of once clipped macaws.

*Saskia Verbruggen*, Roundeurope Animal Training, Netherlands

A method For behavioral research using positioning technology with elephants in the Jerusalem Biblical Zoo – a case study.

*Guy Kashi*, Senior Lecturer & Zookeeper volunteer, Azrieli College of Engineering Jerusalem, Israel; The Tisch Family Biblical Zoological Gardens in Jerusalem, Israel

The effect of environmental conditions and visitor presence on the welfare of zoo-housed African penguins: guiding enclosure design and husbandry practices.

*Francesca Bandoli*, Giardino Zoologico di Pistoia, Italy; University of Padua, Italy

10:35 - 11:05

Refreshment Break

MICHELANGELO

SAN PIETRO

ANTARES

ARISTON

MARCO POLO

11:15 - 12:05

#### Presentation set A (1st)

Zoo-housed primates and their human visitors revisited.

*Samantha Ward*, Nottingham Trent University, United Kingdom

Challenging our assumptions and biases around visitor effects: case study of a male Francois langur.

*Ashley Edes*, Saint Louis, USA

#### Presentation set B (1st)

Bonobo by bonobo: developing and applying Qualitative Behavioural Assessment.

*Daan Laméris*, University of Antwerp, Belgium; Antwerp Zoo Centre for Research and Conservation, Belgium

Creating an efficient and reliable welfare assessment protocol with Royal Zoological Society of Scotland (RZSS) Edinburgh Zoo.

*Kristine M. Gandia*, University of Stirling, United Kingdom

#### Workshop A (1st)

Animal cognition research: a journey through animal minds, ethology, and welfare.

*Caterina Spiezio*, Parco Natura Viva, Italy

*Barbara Regaiolli*, SIUA - Istituto di formazione zooantropologica, Italy

#### Workshop B (1st)

Quality of Life Assessment.

*Lisa Clifforde*, Zoological Society of London, United Kingdom

*Holly Farmer*, Wild Planet Trust, United Kingdom

*Sarah Richdon*, Bristol Zoological Society, United Kingdom

#### Workshop C (1st)

Please Go Away! The power of using distance as a reinforcer.

*Barbara Heidenreich*, Barbara's Force Free Animal Training, USA

*Annette Pedersen*, Copenhagen Zoo, Denmark

*Jim Mackie*, Zoological Society of London, United Kingdom

12:15 - 13:05

#### Presentation set C (1st)

Quantifying the impacts of visitors on non-primate species: the importance of recognising individual experiences.

*Ellen Williams*, Harper Adams University, United Kingdom

“We have nothing to fear but fear itself.” But what if you’re an animal?

*Sarah Bonser-Blake*, Wild Welfare, United Kingdom

#### Presentation set D (1st)

Understanding individual personality variations through theory of mind: implication for animal welfare.

*Luca Di Vincenzo*, Sapienza University of Rome, Italy

The link between species-typical behavior and mental health across species boundaries.

*Laura Puikkonen*, Freelance researcher, Finland

13:05 - 14:05

Lunch

(13:30 - 14:05)

### Publishing Master Class!

Vicky Melfi, Hartpury University; Managing Editor | Journal of Zoo and Aquariums Research (JZAR)

Are you interested in publishing your work? Sharing your research and knowledge with the community and becoming a published author? If so, then grab a quick lunch and join Professor Vicky Melfi for her Publishing Master Class, to help get you started! (Location to be confirmed).

## MICHELANGELO AUDITORIUM

14:15 - 15:00

### Plenary B

Visual illusions as a novel tool to improve enrichment and welfare of captive animals.

Christian Agrillo, University of Padova; Italian Society of Ethology

15:00 - 15:45

### Poster presentations

Slow-food for plain zebras: low-budget enrichment solutions to promote grazing behaviour.

Andrea Zacchi, Giardino Zoologico di Pistoia, Italy

What do learning and engagement programmes have to do with animal welfare? Animal welfare can be a complex and emotive topic, particularly regarding zoos. Our diverse audiences may arrive with pre-determined opinions of what they'll see and how they'll judge welfare standards. How do we guide their views?

Jasper Hughes, Royal Zoological Society of Scotland, Highland Wildlife Park, United Kingdom

Bitable plastic rings as a tool to prevent agonistic interactions on bottlenose dolphins (*Tursiops truncatus*) under human care.

Renato Katić, Department of Biology, Faculty of Science, University of Zagreb, Croatia

Assessing welfare and behaviour of captive cinereous vultures (*Aegypius monachus*): a breeding centre study.

Marina Salas, Antwerp Zoo Centre for Research and Conservation, Belgium

BearWell and CatWell: species-specific welfare assessment protocols for brown bears (*Ursus arctos*), lions (*Panthera leo*) and tigers (*Panthera tigris*) in sanctuaries.

Elena Stagni, FOUR PAWS, Austria

Living together: investigating agonistic and self-directed behaviours in zoo-housed African penguins (*Spheniscus demersus*).

Silvia Mangia, University of Pisa, Italy

The researcher who stares at takin: welfare evaluation of *Budorca taxicolor*.

Daina Matskina, Riga Zoo, Latvia

15:45 - 16:15

Refreshment Break

	MICHELANGELO	SAN PIETRO	ANTARES	ARISTON	MARCO POLO
16:25 - 17:15	<p><b>Presentation set A (2nd)</b></p> <p>Zoo-housed primates and their human visitors revisited. <i>Samantha Ward</i>, Nottingham Trent University, United Kingdom</p> <p>Challenging our assumptions and biases around visitor effects: case study of a male Francois langur. <i>Ashley Edes</i>, Saint Louis, USA</p>	<p><b>Presentation set B (2nd)</b></p> <p>Bonobo by bonobo: developing and applying Qualitative Behavioural Assessment. <i>Daan Laméris</i>, University of Antwerp, Belgium; Antwerp Zoo Centre for Research and Conservation, Belgium</p> <p>Creating an efficient and reliable welfare assessment protocol with Royal Zoological Society of Scotland (RZSS) Edinburgh Zoo. <i>Kristine M. Gandia</i>, University of Stirling, United Kingdom</p>	<p><b>Workshop A (2nd)</b></p> <p>Animal cognition research: a journey through animal minds, ethology, and welfare. <i>Caterina Spiezio</i>, Parco Natura Viva, Italy <i>Barbara Regaioli</i>, SIUA - Istituto di formazione zooantropologica, Italy</p>	<p><b>Workshop B (2nd)</b></p> <p>Quality of Life Assessment. <i>Lisa Clifforde</i>, Zoological Society of London, United Kingdom <i>Holly Farmer</i>, Wild Planet Trust, United Kingdom <i>Sarah Richdon</i>, Bristol Zoological Society, United Kingdom</p>	<p><b>Workshop C (2nd)</b></p> <p>Please Go Away! The power of using distance as a reinforcer. <i>Barbara Heidenreich</i>, Barbara's Force Free Animal Training, USA <i>Annette Pedersen</i>, Copenhagen Zoo, Denmark <i>Jim Mackie</i>, Zoological Society of London, United Kingdom</p>
17:25 - 18:15	<p><b>Presentation set C (2nd)</b></p> <p>Quantifying the impacts of visitors on non-primate species: the importance of recognising individual experiences. <i>Ellen Williams</i>, Harper Adams University, United Kingdom</p> <p>"We have nothing to fear but fear itself." But what if you're an animal? <i>Sarah Bonser-Blake</i>, Wild Welfare, United Kingdom</p>	<p><b>Presentation set D (2nd)</b></p> <p>Understanding individual personality variations through theory of mind: implication for animal welfare. <i>Luca Di Vincenzo</i>, Sapienza University of Rome, Italy</p> <p>The link between species-typical behavior and mental health across species boundaries. <i>Laura Puikkonen</i>, Freelance researcher, Finland</p>			

8:00 - 8:15

**Registration**

Poster set up and workshop sign up

MICHELANGELO

SAN PIETRO

ANTARES

ARISTON

MARCO POLO

8:25 - 9:15

**Presentation set E (1st)**

Space: the final frontier of animal welfare - size matters but actions count.  
*Jake Veasey, Care for the Rare, United Kingdom*

Animal welfare in biodiversity conservation: applying decision tools for reaching ethically responsible choices.  
*Barbara de Mori, University of Padua, Italy*

**Presentation set F (1st)**

Exploring penguin personalities: insights from a Humboldt penguin (*Spheniscus humboldti*) study.  
*Marina Salas, Antwerp Zoo Centre for Research and Conservation, Belgium*

Understanding the individual: methods of assessment of elephant personality and applications in zoos.  
*Ellen Williams, Harper Adams University, United Kingdom*

**Workshop D (1st)**

The science of animal welfare: applying the Cumulative Pain Framework in zoos and aquariums.  
*Wladimir Alonso, Center for Welfare Metrics, Brazil*  
*Cynthia Schuck-Paim, Center for Welfare Metrics, Brazil*

**Workshop E (1st)**

ZooMonitor community workshop – a demo and discussion of new tools for collaborative research.  
*Jason Wark, Lincoln Park Zoo, USA*

**Workshop F (1st)**

Train the untrainables.  
*Giulia Agnolon, Parco Zoo Punta Verde, Italy*  
*Barbara Glatz, Animal Training Center, Austria*

9:20 - 10:10

**Presentation set G (1st)**

Unmasking the hidden drivers: understanding superimposition in behavior interventions to improve animal welfare.  
*Annette Pedersen, Copenhagen Zoo, Denmark*

Is all enrichment equal, and how can we tell if it's actually improving welfare? Cognitive foraging devices, welfare and goal-based enrichment programs at the zoo.  
*Isabella Clegg, Animal Welfare Expertise, United Kingdom*

**Presentation set H (1st)**

Improving animal welfare one tooth at a time.  
*Guillaume Douay, Mandai Wildlife Group, Singapore*

The WAZA 2023 Animal Welfare Goal: a global benchmark for animal welfare evaluation processes.  
*Paula Cerdán, WAZA | World Association of Zoos and Aquariums, Spain*

10:10- 10:40

Refreshment Break

	MICHELANGELO	SAN PIETRO	ANTARES	ARISTON	MARCO POLO
10:50 - 11:40	<p><b>Presentation set E (2nd)</b></p> <p>Space: the final frontier of animal welfare - size matters but actions count. <i>Jake Veasey, Care for the Rare, United Kingdom</i></p> <p>Animal welfare in biodiversity conservation: applying decision tools for reaching ethically responsible choices. <i>Barbara de Mori, University of Padua, Italy</i></p>	<p><b>Presentation set F (2nd)</b></p> <p>Exploring penguin personalities: insights from a Humboldt penguin (<i>Spheniscus humboldti</i>) study. <i>Marina Salas, Antwerp Zoo Centre for Research and Conservation, Belgium</i></p> <p>Understanding the individual: methods of assessment of elephant personality and applications in zoos. <i>Ellen Williams, Harper Adams University, United Kingdom</i></p>	<p><b>Workshop D (2nd)</b></p> <p>The science of animal welfare: applying the Cumulative Pain Framework in zoos and aquariums. <i>Wladimir Alonso, Center for Welfare Metrics, Brazil</i> <i>Cynthia Schuck-Paim, Center for Welfare Metrics, Brazil</i></p>	<p><b>Workshop E (2nd)</b></p> <p>ZooMonitor community workshop – a demo and discussion of new tools for collaborative research. <i>Jason Wark, Lincoln Park Zoo, USA</i></p>	<p><b>Workshop F (2nd)</b></p> <p>Train the untrainables. <i>Giulia Agnolon, Parco Zoo Punta Verde, Italy</i> <i>Barbara Glatz, Animal Training Center, Austria</i></p>
11:45 - 12:35	<p><b>Presentation set G (2nd)</b></p> <p>Unmasking the hidden drivers: understanding superimposition in behavior interventions to improve animal welfare. <i>Annette Pedersen, Copenhagen Zoo, Denmark</i></p> <p>Is all enrichment equal, and how can we tell if it's actually improving welfare? Cognitive foraging devices, welfare and goal-based enrichment programs at the zoo. <i>Isabella Clegg, Animal Welfare Expertise, United Kingdom</i></p>	<p><b>Presentation set H (2nd)</b></p> <p>Improving animal welfare one tooth at a time. <i>Guillaume Douay, Mandai Wildlife Group, Singapore</i></p> <p>The WAZA 2023 Animal Welfare Goal: a global benchmark for animal welfare evaluation processes. <i>Paula Cerdán, WAZA   World Association of Zoos and Aquariums, Spain</i></p>			
12:35 - 13:25	<b>Lunch</b>				
13:30 - 20:00	<p><b>Visit to Parco Natura Viva</b></p> <p>Coaches departing Parc Hotel Paradiso &amp; Golf Resort Conference Centre at 13:30 to Parco Natura Viva . Coaches will leave Parco Natura Viva at 20:00, returning to the Conference Centre.</p>				

8:00 - 8:10

### Registration

Poster set up and workshop sign up

## MICHELANGELO AUDITORIUM

8:20 - 9:05

### Plenary C

Working together for optimal animal welfare: How keepers, curators, vet and scientists all play a role in individual animal welfare assessment.

*Lisa Holmes*, Chester Zoo, United Kingdom

*Chris Grindle*, Chester Zoo, United Kingdom

9:05 - 9:50

### Poster presentations

The neglected topic of soundscape quality: the unfortunate “beauty of waterfalls” in naturalistic outdoors.

*Monica Carosi*, Roma Tre University, Italy; Bioparco di Roma, Italy

Tuning into welfare: exploring the impact of music as enrichment for *Pan troglodytes*.

*Helena Maria Menghini*, University of Bologna, Italy

Assess individual animal welfare of primates: the zoo challenge. Might the BVI (Behavioural Variety Index) help?

*Caterina Spiezio*, Parco Natura Viva, Italy

The benefits of video surveillance in improving animal welfare: pygmy hippopotamus as a case study.

*Alexandre Petry*, Parc de Branf er , France

Light and the Five Domains Model of Animal Welfare.

*James Fischer*, The Zoological Lighting Institute, USA

Cold-blooded welfare: training and enrichment plans to meet behavioural and mental needs in reptiles.

*Giulia Agnolon*, Parco Zoo Punta Verde, Italy

Southern cassowary (*Casuarius casuarius*) behavioural characterization at Pistoia Zoo and Rome Bioparco.

*Lorenzo Guidi*, Universit  degli Studi di Milano, Italy

9:50 - 10:20

Refreshment Break

	MICHELANGELO	SAN PIETRO	ANTARES	ARISTON	MARCO POLO
10:30 - 11:20	<p><b>Presentation set I (1st)</b></p> <p>Improving welfare by providing genuine choice in animal training. <i>Barbara Heidenreich, Barbara's Force Free Animal Training, USA</i></p> <p>Separating control from "choiceandcontrol." <i>Marieke Gartner, Zoo Atlanta, USA</i></p>	<p><b>Presentation set J (1st)</b></p> <p>Working together to understand giraffe behavior across AZA zoos. <i>Jason Wark, Lincoln Park Zoo, USA</i></p> <p>Behavioural observations and individual animal welfare: lessons learned from monitoring multiple species in different institutions. <i>Léa Briard, Akongo, France</i></p>	<p><b>Workshop G (1st)</b></p> <p>Practical application of animal welfare assessments within husbandry practices. <i>Simon Marsh, Wild Welfare, United Kingdom</i> <i>Sarah Bonser-Blake, Wild Welfare, United Kingdom</i></p>	<p><b>Workshop H (1st)</b></p> <p>ZIMS Care and Welfare Module workshop. <i>Nannette Driver-Ruiz, Species360, USA</i> <i>Hannah Jenkins, Species360, USA</i></p>	<p><b>Workshop I (1st)</b></p> <p>Knowing the species, planning for the individual - how to plan and implement a goal-based behavioural enrichment strategy for a species whilst monitoring and identifying the needs of the individual. <i>Elly Neumann, Jerusalem Zoo, Israel</i> <i>Benjamin Fainsod, Jerusalem Zoo, Israel</i></p>
11:30 - 12:20	<p><b>Presentation set K (1st)</b></p> <p>Tapping into an underutilized resource: tools for incorporating animal care staff expertise into welfare research. <i>Kylen Gartland, Detroit Zoological Society, USA</i></p> <p>Moving forward: using innovative thinking to accomplish animal welfare initiatives and action items. <i>Jennifer Hamilton, Detroit Zoological Society, USA</i></p>	<p><b>Presentation set L (1st)</b></p> <p>Gut microbiota and its pivotal role in the welfare of the animals. <i>Paola Mattarelli, Bologna University, Italy</i></p> <p>CatWell: a validated welfare assessment protocol for lions (<i>Panthera leo</i>) and tigers (<i>Panthera tigris</i>) under human care. <i>Sara Sequeira, FOUR PAWS International, Austria</i></p>			
12:20 - 13:10	Lunch				



13:15 - 14:05

**Poster presentations**

The implications of managed care for western lowland gorilla (*Gorilla gorilla gorilla*) nutrition, physiology, and cardiovascular health.  
*Rhiannon Schultz*, University of Georgia, USA; Animal Welfare Expertise, United Kingdom

Development of a new cross-taxa welfare assessment at Twycross Zoo: a proposed collaboration between BIAZA and EAZA accredited zoos.  
*Naomi Frost*, Twycross Zoo, United Kingdom

Assessing keeper-animal interactions in zoo-housed African penguins: project overview.  
*Francesca Bandoli*, Giardino Zoologico di Pistoia, Italy; University of Plymouth, United Kingdom

Mother's love: mother-cubs interactions in ex situ jaguars (*Panthera onca*).  
*Isabella Capuano*, University of Turin, Italy

Assessing metal pollution and animal well-being: biomonitoring non-invasive approach using lemur housed in zoos.  
*Laura Favilli*, Università degli Studi di Torino, Italy

Nail trimming techniques in parrots.  
*Cristina Pilenga*, Zoomarine Italia, Italy

Jaguar love: affiliative behaviour in *Panthera onca* couples.  
*Giovanni Arbocò Quintavalle Pastorino*, University of Plymouth, United Kingdom

Social dynamics reshaping in a females group of *Lemur catta* in a controlled environment: a case study.  
*Giorgia Ruffa*, Fondazione Zoom, Italy; Zoom Torino, Italy

	MICHELANGELO	SAN PIETRO	ANTARES	ARISTON	MARCO POLO
14:15 - 15:05	<p><b>Presentation set I (2nd)</b></p> <p>Improving welfare by providing genuine choice in animal training. <i>Barbara Heidenreich, Barbara's Force Free Animal Training, USA</i></p> <p>Separating control from "choiceandcontrol." <i>Marieke Gartner, Zoo Atlanta, USA</i></p>	<p><b>Presentation set J (2nd)</b></p> <p>Working together to understand giraffe behavior across AZA zoos. <i>Jason Wark, Lincoln Park Zoo, USA</i></p> <p>Behavioural observations and individual animal welfare: lessons learned from monitoring multiple species in different institutions. <i>Léa Briard, Akongo, France</i></p>	<p><b>Workshop G (2nd)</b></p> <p>Practical application of animal welfare assessments within husbandry practices. <i>Simon Marsh, Wild Welfare, United Kingdom</i> <i>Sarah Bonser-Blake, Wild Welfare, United Kingdom</i></p>	<p><b>Workshop H (2nd)</b></p> <p>ZIMS Care and Welfare Module workshop. <i>Nannette Driver-Ruiz, Species360, USA</i> <i>Hannah Jenkins, Species360, USA</i></p>	<p><b>Workshop I (2nd)</b></p> <p>Knowing the species, planning for the individual - how to plan and implement a goal-based behavioural enrichment strategy for a species whilst monitoring and identifying the needs of the individual. <i>Elly Neumann, Jerusalem Zoo, Israel</i> <i>Benjamin Fainsod, Jerusalem Zoo, Israel</i></p>
15:10- 16:00	<p><b>Presentation set K (2nd)</b></p> <p>Tapping into an underutilized resource: tools for incorporating animal care staff expertise into welfare research. <i>Kylen Gartland, Detroit Zoological Society, USA</i></p> <p>Moving forward: using innovative thinking to accomplish animal welfare initiatives and action items. <i>Jennifer Hamilton, Detroit Zoological Society, USA</i></p>	<p><b>Presentation set L (2nd)</b></p> <p>Gut microbiota and its pivotal role in the welfare of the animals. <i>Paola Mattarelli, Bologna University, Italy</i></p> <p>CatWell: a validated welfare assessment protocol for lions (<i>Panthera leo</i>) and tigers (<i>Panthera tigris</i>) under human care. <i>Sara Sequeira, FOUR PAWS International, Austria</i></p>			
16:00 - 16:25	Refreshment Break				

	MARCO POLO	SAN PIETRO	ANTARES	ARISTON
16:35 - 17:00	<p><b>Presentation M (1st)</b></p> <p>Does bonobo (<i>Pan paniscus</i>) personality impact coping with change?  <i>Samantha Ward</i>, Nottingham Trent University, United Kingdom</p>	<p><b>Presentation N (1st)</b></p> <p>If you know how they communicate, you know how to preserve them: behavioural and acoustic repertoire of captive pygmy hippo (<i>Choeropsis liberiensis</i>).  <i>Rosaria Santoro</i>, Manchester Metropolitan University, United Kingdom</p>	<p><b>Presentation O (1st)</b></p> <p>An evolutionary holistic approach to animal welfare.  <i>Giulia Pagani</i>, Bioparco di Roma, Italy</p>	<p><b>Presentation P (1st)</b></p> <p>How to assess the effect of mixed-enclosure on species of snakes and amphibians with poorly described behaviour?  <i>Constance Wagner</i>, Parc zoologique et botanique de Mulhouse, France</p>
17:10 - 17:35	<p><b>Presentation M (2nd)</b></p> <p>Does bonobo (<i>Pan paniscus</i>) personality impact coping with change?  <i>Samantha Ward</i>, Nottingham Trent University, United Kingdom</p>	<p><b>Presentation N (2nd)</b></p> <p>If you know how they communicate, you know how to preserve them: behavioural and acoustic repertoire of captive pygmy hippo (<i>Choeropsis liberiensis</i>).  <i>Rosaria Santoro</i>, Manchester Metropolitan University, United Kingdom</p>	<p><b>Presentation O (2nd)</b></p> <p>An evolutionary holistic approach to animal welfare.  <i>Giulia Pagani</i>, Bioparco di Roma, Italy</p>	<p><b>Presentation P (2nd)</b></p> <p>How to assess the effect of mixed-enclosure on species of snakes and amphibians with poorly described behaviour?  <i>Constance Wagner</i>, Parc zoologique et botanique de Mulhouse, France</p>
<b>MICHELANGELO AUDITORIUM</b>				
17:40 - 18:10	<p>What is the Constructional Approach to Behavior Change?  <i>T.V. Joe Layng</i>, Fellow of the Association for Behavior Analysis International; Institute for Applied Behavioral Science, Endicott College</p>			
18:10 - 18:20	<p>Closing session</p>			
19:15 - 23:00	<p><b>Farewell Dinner</b>  <i>Attendance must be indicated on the AWF24 registration form.</i></p>			

## FRIDAY 22 MARCH

### Optional post-conference excursion for AWF24 delegates: Day-visit to Venice

For more details, including costs, please see the EAZA Animal Welfare Forum 2024 webpage.  
*Interest must be indicated on the AWF24 registration form and you will be contacted afterwards.*