

Regards sur le passé : 30 ans de la Société Francophone De Primatologie

Coordination : Vincent Leblan (IRD) et Victor Narat (Institut Pasteur)

09:00-09:30 Introduction à la journée

09:00-09:15 • **Ouverture par le président de la Société francophone de primatologie**
Brice Lefaux (*Parc zoologique et botanique de Mulhouse*)

09:15-09:30 • **Introduction**
Vincent Leblan (*Institut de recherche pour le développement, UMR 208 Patrimoines locaux et gouvernance*)

09:30-12:15 SESSION I : Histoire de la primatologie

09:30-10:15 • **Entre Paris et les Tropiques, la difficile naissance de la psychologie animale expérimentale pendant la période coloniale**
Marion Thomas (*Université de Strasbourg, UMR 7363 Sociétés, acteurs, gouvernement en Europe*)

10:15-11:00 • **Une frontière coloniale homme/chimpanzé : savoirs, pouvoir et altérité à l'Institut Pasteur de Guinée française, 1920-1930**
Vincent Leblan (*Institut de recherche pour le développement, UMR 208 Patrimoines locaux et gouvernance*)

11:00-11:30 Pause café

11:30-12:15 • **Importer ou élever ? Réponses de deux centres de primatologie européens à une décision politique locale et un changement de pratique scientifique mondiale**
Laure Hoenen (*Université de Strasbourg, UMR 7363 Sociétés, acteurs, gouvernement en Europe*)

12:15-14:00 Déjeuner

14:00-16:45 SESSION II : Vers une primatologie historique ?

14:00-14:45 • **1987-2017 : Regard sur l'évolution de l'histoire des origines**
Brigitte Senut (*Muséum national d'Histoire naturelle, UMR 7207 Paléobiodiversité et paléoenvironnements*)

14:45-15:30 • **Réflexions sur une étude des variations, dans le temps et dans l'espace, des ressources alimentaires de deux espèces sympatriques de *Semnopithecus***
Claude Marcel Hladik et Annette Hladik (*Muséum national d'Histoire naturelle, UMR 7206 Eco-anthropologie et ethnobiologie*)

15:30-16:00 Pause café

16:00-16:45 • **Rapports humains – primates non humains : vers une épidémiologie historique des maladies émergentes en Afrique Centrale**
Victor Narat et Tamara Giles-Vernick (*Institut Pasteur, Unité d'épidémiologie des maladies émergentes*)

16:45-17:30 Discussion générale et ouverture

La conservation des primates dans la perspective de la longue durée

18:00-19:00 Assemblée Générale de la SFDP

18:30 **Cocktail de bienvenue EFP**
Bâtiment Patio

Tuesday 22 August - Morning

08:30-09:00 **Opening and welcome speeches from local and EFP authorities**

09:00-09:55 **Plenary Session**

- **The Extension of Evolutionary Biology through Culture** - [Andrew Whiten](#)

10:00-10:45 **Parallel Symposia**

Primate cultures: Update and new trends

Chairs: Lydia Luncz and Thibaud Gruber

10:00-10:15 • **Long-tailed Macaques Tool Use - A Cultural Behaviour?**

[Lydia Luncz](#), Magdalena Svensson, Michael Gumert, Suchinda Malaivijitnong

10:15-10:30 • **Experimental Field Investigations of Cultural Capacities in The, Tool-using, Bearded Capuchin (*Sapajus libidinosus*)** - [Rachel Kendal](#), Camila Coelho, Clara Corat, Eduardo Ottoni

10:30-10:45 • **Early Hominin Cultures - Based on High Fidelity Transmission?** - [Claudio Tennie](#)

Primates at the edge: mechanisms and consequences of raiding

Chairs: Audrey Maille and Sabrina Krief

10:00-10:15 • **Towards a Historical Ecology of Chimpanzee and Baboon Crop-foraging: Case Studies from Senegal (c. 1900) and Guinea (1920-1950)** - [Vincent Leblan](#)

10:15-10:30 • **Behaviours Used by Olive Baboons to Raid Food on an Asphalted Road Crossing Sebitoli Area, Kibale National Park, Uganda**

[Audrey Maille](#), Amalia Rataud, Sabrina Krief, Malenoh Sewuh Ndimbe, Andrew Seguya

10:30-10:45 • **Response Facilitation in the Robbing and Bartering Activities of Balinese Long-Tailed Macaques** - [Fany Brotcorne](#), Anna Holzner, Lucía Jorge Sales, Chloé Cambier, Noëlle Gunst, I Nengah Wandia, Jean-Baptiste Leca

10:45-11:15 **Coffee break**

Sponsored by



Technique d'Hygiène et Expertise Relatives
Aux animaleries Et aux Laboratoires

11:15-12:15 **Parallel Symposia**

Primate cultures: Update and new trends (continued)

Chairs: Lydia Luncz and Thibaud Gruber

11:15-11:30 • **Learning from the Immigrants: Dispersing Orangutan Males as Cultural Vectors**

[Julia Mörchen*](#), Maria van Noordwijk, Carel van Schaik

11:30-11:45 • **Combining Field Experiments and Long Term Field Data: Two Examples to Understand Culture in Wild Eastern Chimpanzees (*Pan troglodytes schweinfurthii*)** - [Thibaud Gruber](#)

11:45-12:00 • **Discovering the Base of the Iceberg: A New Way to Look at Cultural Repertoires in Primates**

[Caroline Schuppli](#), Carel van Schaik

12:00-12:15 • **Primate Behavioural Flexibility in The Anthropocene** - [Kimberley Hockings](#), Susana Carvalho

Primates at the edge: mechanisms and consequences of raiding (continued)

Chairs: Audrey Maille and Sabrina Krief

11:15-11:30 • **Chimpanzee Crop-Foraging Preferences and Perception of Risk in a Human-Dominated Landscape, Uganda** - [Aimee Oxley*](#), Matthew McLennan, Kimberley Hockings, Catherine Hill

11:30-11:45 • **Food Despite Danger: Assessing the Mechanisms of Crop Raiding in Baboons**

[Odile Petit](#), Cécile Schweitzer, Tommy Gaillard, Jérôme Lardeux, Chloé Guerbois, Hervé Fritz, Pau Molina-Vila, Valérie Dufou

11:45-12:00 • **Sex Differences, Seasonality, and Macronutrient Balancing in the Diet of Chimpanzees Inhabiting a Forest-Agricultural Mosaic**

[Nicola Bryson-Morrison](#), Andy Beer, Tetsuro Matsuzawa, Tatyana Humle

12:00-12:15 • **Pesticide Exposure and Facial Dysplasia in Wild Chimpanzees and Baboons in Sebitoli (Kibale National Park, Uganda)**

[Sabrina Krief](#), Philippe Berny, Francis Gumisiriza, Régine Gross, Jean-Baptiste Fini, Colin Chapman, Lauren Chapman, Andrew Seguya, John Wasswa, Barbara Demeneix

12:15-13:45 **Lunch**

* Participants in the student award competition

Tuesday 22 August - Afternoon

Room Cavailles

13:45-14:40

Plenary Session

- **Evolution of Grasping and Manipulation: from Behaviour Toward the Interpretation of Fossils**

Emmanuelle Pouydebat

14:45-15:45

Parallel Symposium and Oral Communications

What an interdisciplinary approach can tell us about the evolution of grasping and manipulation?

Chairs: Emmanuelle Pouydebat and Ameline Bardo

14:45-15:00

- **Introduction: The Necessity to Develop an Interdisciplinary Approach to Understand Grasping and Manipulation**

Emmanuelle Pouydebat

15:00-15:15

- **The Evolution of Hand-grasping Behaviours among Strepsirrhines**

Louise Peckre*, Anne-Claire Fabre, Christine Wall, Emmanuelle Pouydebat

15:15-15:30

- **Super Grip Strength Performance in a Small Primate (*Microcebus murinus*): Influence of Morphology, Environmental Context and Genes**

Pauline Thomas, Anthony Herrel, Fabienne Aujard, Emmanuelle Pouydebat

15:30-15:45

- **Ontogeny Recapitulates Phylogeny: The Ontogeny of Manipulation Complexity Within 31 Primate Species**

Sandra A. Heldstab*

Amphi 3

Cognition

Chairs: Bertrand Deputte and David Leavens

14:45-15:00

- **How Tonkean Macaques (*Macaca tonkeana*) Use Spatio-Temporal Information of Food Availability for Foraging?**

Cinzia Trapanese*, Sebastien Bouret, Hélène Meunier, Shelly Masi

15:00-15:15

- **Age Impact on Learning, Attention, Inhibition and Memory in Macaques**

Quentin Fuchs*, Olivier Després, Hélène Meunier

15:15-15:30

- **Psychological or Biological Approach to Personality? Method Comparison in Common Marmosets**

Vedrana Šlipogor*, Judith Burkart, Thomas Bugnyar, Sonja Elena Koski

15:45-16:15

Coffee break

16:15-18:00 Parallel Symposium and Oral Communications

What an interdisciplinary approach can tell us about the evolution of grasping and manipulation? (continued)

Chairs: Emmanuelle Pouydebat and Ameline Bardo

- 16:15-16:30 • **Comparison of Hand Use and Forelimb Mechanics of Vertical Climbing in Wild Mountain Gorillas and Free-Ranging Chimpanzees**
Johanna Neufuss*, Martha M. Robbins, Jana Baeumer, Tatyana Humle, Tracy L. Kivell
- 16:30-16:45 • **The Role of Prehensile Hands and Feet During Climbing of Cotton-Top Tamarins on Obliquely Oriented Supports**
John A. Nyakatura, Bettina Hesse, Martin S. Fischer, Manuela Schmidt
- 16:45-17:00 • **Form and Function of the Hominids Thumb: Link Between In-Hand Movements and the Trapeziometacarpal Complex**
Ameline Bardo, Raphaël Cornette, Emmanuelle Pouydebat
- 17:00-17:15 • **Form and Function of the Bonobo Hand**
Evie E. Vereecke, Timo Van Leeuwen, Marie Vanhoof
- 17:15-17:30 • **Coevolution between Grasping Ability and Forelimb Shape in Strepsirrhines and Platyrrhines**
Anne-Claire Fabre, Louise Peckre, Aymeline Eveno, Ameline Bardo, Christine E. Wall, David Brewer, Erin Ehmke, Kay Welser, Emmanuelle Pouydebat
- 17:30-17:45 • **Forelimb Musculature, Arboreal Locomotion, and Substrate Use in Primates - Christine Böhmer**, Anne-Claire Fabre, Camille Lacroux, Marc Herbin, Stéphane Peigné, Anthony Herrel
- 17:45-18:00 • **Power Grip or Precision Handling? - Holger Preuschoft**

Cognition (continued)

Chairs: Bertrand Deputte and David Leavens

- 16:15-16:30 • **Functionally Deceptive Behaviours in Tonkean Macaques (*Macaca tonkeana*): Intentional Tactical Deception or Behavioural Inhibition?**
Isis Poitrasson*, Charlotte Canteloup, James R Anderson, Nicolas Poulin, Hélène Meunier
- 16:30-16:45 • **Disadvantageous Inequity Aversion in Female Squirrel Monkeys (*Saimiri sciureus*) - Benoit Bucher***, Kazuo Fujita
- 16:45-17:00 • **Sex Differences in Immature Chimpanzee Play Communication**
Mawa Dafreville, Catherine Hobaiter
- 17:00-17:15 • **Are There Teachers among Common Marmosets? And if There Are, Are They Sensitive to the Immatures' Skill Levels?**
Eloísa Guerreiro Martins*, Judith Burkart
- 17:15-17:30 • **Literature Survey of Potential Cultural Variants in Japanese Macaques (*Macaca fuscata*) - Claire Watson**, Tetsuro Matsuzawa

18:00-20:00 Poster session and Drink

Wednesday 23 August - Morning

Room Cavailles

09:00-09:55

Plenary Session

- **Sexual Selection and the Differences Between the Sexes in Mandrills (*Mandrillus sphinx*)**

Joanna M Setchell

10:00-10:30

Parallel Oral Communications and Symposium

Evolution

Chairs: Brigitte Senut and Carel van Schaik

10:00-10:15

- **Primate Quadrupedalism and Developmental By-Products Point to The Origin of Bipedality**

François Druelle, Peter Aerts, Gilles Berillon

10:15-10:30

- **Ancient Admixture and Population History in *Pan* Species**

Sojung Han*, Tomas Marques-Bonet, Martin Kuhlwilm

Amphi 3

Sociality and health in primates

Chairs: Doris Wu and Charlotte Defolie

10:00-10:15

- **Urinary Neopterin Increases During a Respiratory Outbreak in Wild Chimpanzees (Taï National Park, Côte d'Ivoire)**

Doris Wu*, Verena Behringer, Roman Wittig, Fabian Leendertz, Tobias Deschner

10:15-10:30

- **Behavioural Determinants and Consequences of a Sexually Transmitted Disease in Wild Olive Baboons (*Papio anubis*)**

Filipa Paciência*, Paulina Mkama, Deusdedith Baluya, Pay Mbaryo, Dietmar Zinner, Sascha Knauf

10:30-11:00

Coffee break

Sponsored by



* Participants in the student award competition

Wednesday 23 August - Morning

11:00-12:15 Parallel Oral Communications and Symposium (continued)

Evolution (continued)

Chairs: Brigitte Senut and Carel van Schaik

- 11:00-11:15 • **Hunting of Birds and Gathering of Eggs and Nestlings by Captive Cotton-Top Tamarins (*Saguinus oedipus*)**
Laura M. Lauwers*, Trond Reitan, Helene Axelsen, Tanya C. Minchin, R. Adriana Hernandez-Aguilar
- 11:15-11:30 • **From Life History Traits to Social Parameters**
Jean-Jacques Millet
- 11:30-11:45 • **Heterogeneous Selection On Vomeronasal Receptors Over Time In Mouse Lemurs (*Microcebus* spp.)**
Ute Radespiel, Philipp Hohenbrink, Nick Mundy
- 11:45-12:00 • **Miombo Woodland and The Origins of Bipedalism**
Brigitte Senut, Martin Pickford, Dominique Gommery, Loïc Ségalen

Sociality and health in primates (continued)

Chairs: Doris Wu and Charlotte Defolie

- 11:00-11:15 • **So Happy Together? Ecological and Social Correlates of Stress in Wild Redfronted Lemurs (*Eulemur rufifrons*)**
Charlotte Defolie*, Michael Heistermann, Claudia Fichtel, Cornelia Kraus
- 11:15-11:30 • **How Many Friends a Day Keep the Doctor Away? Health Consequences of Sociality in Verreaux's Sifakas**
Katja Rudolph*, Claudia Fichtel, Michael Heistermann, Peter M. Kappeler
- 11:30-11:45 • **Connecting the dots: linking host behaviour to parasite transmission and infection risk**
Julie Duboscq, Munehiro Okamoto, Andrew MacIntosh

Social Behaviour

Chairs: Cécile Garcia and Andrews Whiten

- 11:45-12:00 • **Infrared Thermography as a Measure of Emotion in Barbary Macaques**
Julia Ostner, Bianca Kögl, Alan Rincon, Oliver Schülke
- 12:00-12:15 • **Early Maternal Loss Affects Social Grooming Similarly in Wild-Caught and Captive-Born Male Chimpanzees**
Elfriede Kalcher-Sommersguter, Marine Levé, Satoshi Hirata, Cédric Sueur, Tetsuro Matsuzawa, Signe Preuschoft

Human and Social Sciences

Chairs: Vincent Leblan and Denis Ruyschaert

- 11:00-11:15 • **On the Rocks: Using Discourse Analysis to Examine Relationships between Barbary Macaques (*Macaca sylvanus*) and People on Gibraltar**
Lucy Radford, Sian Waters
- 11:15-11:30 • **Human Cumulative Culture Evolution: New Lights on Overimitation from a Developmental and Cross-Cultural Study**
Aurélien Frick*, Fabrice Clément, Thibaud Gruber
- 11:30-11:45 • **Good Gibbons and Evil Macaques : a Historical Review of the Cognitive Style of Non-human Primates in Chinese Traditional Culture**
Peng Zhang, Tao Chen, Ningxin Gu, Xiaochen Ma
- 11:45-12:00 • **Why International Agreements Fail to Protect Great apes - Lessons From GRASP**
Denis Ruyschaert

12:15-13:45 **Lunch**

* Participants in the student award competition

Wednesday 23 August - Afternoon

13:45-14:40

Plenary Session

- **Integrated Primate Conservation: The Role of European Zoos**
Brice Lefaux

14:45-15:30

Parallel Symposium and Oral Communications

Updates in primates conservation

Chair: Brice Lefaux

14:45-15:00

- **Cultural Consensus as a Novel Method to Evaluate Behavioural Change in Conservation Education Programmes**
Anna Nekarisa, Sharon McCabe

15:00-15:15

- **Primate Conservation In The Annamite Mountains With Project Anoulak: Recent Updates And Future Potential**
Camille Coudrat

15:15-15:30

- **Conserving Non-Protected Primate Habitat: The Rungan River Conservation Programme of the Borneo Nature Foundation, Indonesia**
Susan M. Cheyne, Bernat Ripoll Capilla, Frank J.F. Van Veen, Nicholas Boyd, Adul, Simon J. Husson, Mark E. Harrison, Helen C. Morrogh-Bernard, Siti Maimunah

Social Behaviour (continued)

Chairs: Cécile Garcia and Andrews Whiten

14:45-15:00

- **From Primate Alliances to Elites or Classes in Human Societies**
Carel van Schaik, Gauri Pradhan, Hennadi Balashev, Sagar Pandit

15:00-15:15

- **A Mathematical Model to Predict Hierarchical Rank in *Macaca Mulatta* and *M. Sylvanus***
Sebastian Sosa*, Brianne Beisner, Krishna Balasubramaniam, Cédric Sueur, Peng Zhang, Brenda McCowan

15:15-15:30

- **Using an Agent-Base Model to Explore the Effects of Kinship on Social Structure in Macaque Societies**
Ruth Dolado*, Hélène Meunier, Elisabet Gimeno, Francesc S. Beltran

Manipulation & Locomotion

Chairs: Ameline Bardo and Johanna Neufuss

14:45-15:00

- **A Novel Approach to Study Activity Patterns of Cryptic Primates: Unsupervised Learning Algorithm for Data from Three-axis Accelerometer Tags**
Marco Campera*, Michela Balestri, Marianna Chimienti, Vincent Nijman, Giuseppe Donati

15:00-15:15

- **Pedal And Manual Postures During Locomotion On Various Substrates In Strepsirhine And Haplorhine Primates**
Séverine Toussaint*, Dionisios Youlatos

15:15-15:30

- **Consistency in Preferential Hand-Use by Captive Chimpanzees (*Pan troglodytes*) in Five Motor Tasks Involving Tool Use and in Manual Digging**
Alba Motes-Rodrigo*, R. Adriana Hernandez-Aguilar, Matthias Laska

15:30-16:00

Coffee break

Wednesday 23 August - Afternoon

16:00-18:00 Parallel Symposium and Oral Communications (continued)

Updates in primates conservation (continued)

Chair: Brice Lefaux

16:00-16:15 • **Understanding the Social, Cultural And Political Context of the Primate Pet Trade: A Case Study of the Barbary Macaque (*Macaca sylvanus*) in Morocco** - [Sian Waters](#), Lucy Radford

16:15-16:30 • **Do Edge Effects Negatively Impact Arboreal Primates in Madagascar?**
[Isabella Mandl*](#), Marc Holderied, Christoph Schwitze

Conservation

Chairs: Régine Vercauteren and Anna Nekaris

16:30-16:45 • **Assessment of Chimpanzee Nests Detectability Using UAV-Derived Aerial Imagery**
[Noémie Bonnin*](#), Alexander Van Andel, Jeffrey Kerby, Alex Piel, Serge Wich

16:45-17:00 • **Increased Female-Female Competition In Wild Bornean Orang-utans Following Forest Fires**
[Jade Meric de Bellefon*](#), Maria A. van Noordwijk, Misdi Abdullah

17:00-17:15 • **Anthropogenic Disturbance and Conservation Challenges in Tonkin Snub-Nosed Monkeys in Tung Vai and Khau Ca forest** - [Nicholas James*](#)

17:15-17:30 • **A Community-led Re-forestation Programme in an Agroforest Environment**
[Sharon McCabe](#), K.A.I. Nekaris, Muhammad Ali Imron

17:30-17:45 • **Identification of Animal Interactions with *Nauclea orientalis* along the Kinabatangan River, Sabah (Malaysia): Highlight of Proboscis Monkeys (*Nasalis larvatus*) Role in Seed Dispersal** - [Oriana Bhasin*](#), Valentine Thiry, Benoît Goossens, Régine Vercauteren Drubbel, Danica J. Stark, Martine Vercauteren, Senthilvel K. S. S. Nathan

17:45-18:00 • **Implementation and Evaluation of Two Education Tools (Movie Screening and Participatory Theatre) about the Critically Endangered Crested Macaque (*Macaca nigra*) among Local Population in North Sulawesi, Indonesia**
[Régine Gross](#), Mathilde Chanvin, Muhammad Agil, Antje Engelhardt, Catherine M. Hill

Social Behaviour (continued)

Chairs: Julie Duboscq and Julia Ostner

16:00-16:15 • **Face Color Indicates Female Reproductive State but Not Individual Characteristics in Japanese Macaques (*Macaca fuscata*)** - [Lucie Rigaiil](#), Andrew JJ MacIntosh, James P Higham, Sandra Winters, Takeshi Furuichi, Cécile Garcia

16:15-16:30 • **Assessing a Method to Determine Spatial Proximity and Individual Centrality in a Group of Semi-free Ranging *Macaca tonkeana***
[Laura Mármol*](#), Héléne Meunier, Ruth Dolado, Francesc S. Beltran

16:30-16:45 • **Infection Patterns of Simian Foamy Virus in Macaques**
[Julie Duboscq](#), Munehiro Okamoto, Andrew MacIntosh

16:45-17:00 • **The Effect of Hot Spring Bathing on Stress Levels in Japanese Macaques**
[Rafaela Takeshita*](#), Fred Bercovitch, Kodzue Kinoshita, Michael Huffman

17:00-17:15 • **Female Androgen Levels, Aggression and Dominance in Wild Verreaux's Sifakas**
[Luca Morino](#), Bruno Simmen, Hantanirina Rasamimanana, Vonjy Marie Prisca Andrianarimalala, Ruva Fiandry, Amélie Chimènes, Cécile Garcia

17:15-17:30 • **Neuroendocrine Mechanisms of Hunting and Food Sharing in Wild Chimpanzees**
[Liran Samuni*](#), Anna Preis, Tobias Deschner, Catherine Crockford, Roman Wittig

17:30-17:45 • **Bystander Effects on Grooming Interactions in Western Chimpanzees and Sooty Mangabeys**
[Alexander Mielke*](#), Jan F. Gogarten, Anna Preis, Liran Samuni, Roman M. Wittig, Catherine Crockford

17:45-18:00 • **Identification of Characteristic Behavioural Sequences Reveals Differences in Blue-Eyed Black Lemur and Black Lemur Reproductive Strategies**
[Caitlin L. Eschmann*](#), Nikolai Bode, Marc Holderied, Gráinne McCabe

18:00-19:00 **Poster session**

20:00 **Social dinner**

* Participants in the student award competition

Thursday 24 August - Afternoon

13:45-15:30 Oral Communications and Parallel Symposium (continued)

Communication

Chairs: Marie Bourjade and Stuart Semple

- 14:15-14:30 • **Linguistic Laws In Chimpanzee Gestural Communication**
Stuart Semple, Raphaela Heesen, Ramon Ferrer-i-Cancho, Catherine Hobaiter
- 14:30-14:45 • **Gestural Communication in Olive Baboons (*Papio anubis*): Repertoire and Properties**
Sandra Molesti, Adrien Meguerditchian, Marie Bourjade
- 14:45-15:00 • **The Informative Value of Recipient and Signaler Disagreement for The Study of Intentional Communication in Wild Chimpanzees** - Christine Sievers, Thibaud Gruber, Klaus Zuberbühler
- 15:00-15:15 • **Macaques are Less Likely to Attack Others Producing Stress Behaviour**
Jamie Whitehouse*, Jérôme Micheletta, Bridget M. Waller
- 15:15-15:30 • **Specific Facial Replications in Chimpanzees and Orang-Utans During Social Play**
Diane Austry, Guillaume Dezechache, Violet Burek, Cristina Costantini, Elke Zimmermann, Kim Bard, Marina Davila-Ross

Ecology (continued)

Chairs: Shelly Masi and Giuseppe Donati

- 13:45-14:00 • **Orangutan Population Structure in a Marginal Habitat and its Implications for Conservation**
Alison Ashbury*, Stephanie Spehar, Yaya Rayadin, Maria van Noordwijk, Carel van Schaik
- 14:00-14:15 • ***Dialium* and Seed Reingestion from Feces in Western Gorillas: A Source of Protein and 'Cooking' Effect** - Shelly Masi, Thomas Breuer
- 14:15-14:30 • **New Evidence of Well Digging in Savanna Chimpanzees (*Pan troglodytes schweinfurthii*), Kahensa, Tanzania**
Sood A. Ndimuligo, R. Adriana Hernandez-Aguilar, Shadrack M. Kamenya, Nils C. Stenseth
- 14:30-14:45 • **Seasonal Variation in Indicators of Climatic and Ecological Stress in Savanna-Dwelling Chimpanzees** - Erin Wessling*, Hjalmar Kuehl, Tobias Deschner, Roger Mundry, Jill Pruett
- 14:45-15:00 • **Nesting Patterns of Chimpanzees (*Pan troglodytes verus*) in a Savanna Habitat, Dindéfelo, Senegal**
Denise Enthoven*, Liliana Pacheco, Manuel Llana, Trond Reitan, R. Adriana Hernandez-Aguilar
- 15:00-15:15 • **The Relationship between Food Distribution and Contest Competition: Evidence from a Non-Primate Species, the Asian elephant, in southern India** - Hansraj Gautam*, Vidya TNC

Social networks in primates: From individuals' attributes to network diffusion

Chairs: Ivan Puga-Gonzalez and Sebastian Sosa

- 13:45-14:00 • **Fitness Benefits of Sociality: Macaques With More Social Partners Form Higher-Quality Sleeping Huddles**
Liz AD Campbell, Patrick J Tkaczynski, Julia Lehmann, Mohamed Mouna, Bonaventura Majolo
- 14:00-14:15 • **Age Differences on Affiliative Interaction Patterns and Social Roles in Wild Rhesus Macaque**
Zhijie Liao*, Sebastian Sosa, Wu Chengfeng, Peng Zhang
- 14:15-14:30 • **Using Social Networks to Study the Transmission of Novel Behaviour in Primates**
William Hoppitt
- 14:30-14:45 • **Macaques, Networks and Parasites - (How) Do Network Positions Predict Parasite Transmission?** - Nadine Müller*, Mathias Franz, Christina Strube, Michael Heistermann, Julia Ostner, Oliver Schülke
- 14:45-15:00 • **The Evolutionary Origins of Social Network Regulation** - Tamas David-Barrett

Individual-based models and social behaviour

Chair: Sebastian Sosa

- 15:00-15:15 • **Proximate Mechanisms Underlying Primates' Complex Social Networks: A Modelling and Comparative Approach**
Ivan Puga-Gonzalez, Julia Ostner, Oliver Schülke, Sebastian Sosa, Bernard Thierry, Cedric Sueur

15:30-16:00 **Coffee break**

* Participants in the student award competition

09:15-10:10

Plenary Session

- **Facial Communication in Primates** - [Bridget Waller](#)

10:45-11:15

Coffee break

Sponsored by

10:45-12:30

Parallel Symposia and Oral Communications

Communicative complexity in nonhuman primates' gestural signaling?

Chairs: [Émilie Genty](#) and [Catherine Hobaiter](#)

10:45-11:00

- **Complexity in Monkey Communication: Gestural Signalling in Red-Capped Mangabeys (*Cercocebus torquatus*) is Intentional** - [Anne Marijke Schel](#), [Axelle Bono](#), [Simone Pika](#), [Alban Lemasson](#)

11:00-11:15

- **The Multiple Timescales of Ape Gesture: Reconciling Evolution, Ontogeny and Iconicity** [Marcus Perlman](#)

11:15-11:30

- **Developmental Effects on Gestural Employment of Chimpanzees in the Wild** [Marlen Fröhlich](#), [Gudrun Müller](#), [Claudia Zeiträg](#), [Roman M. Wittig](#), [Simone Pika](#)

11:30-11:45

- **Studying Multi-Component Facial Behavior in Primates** - [Brittany Florkiewicz*](#), [Erica Cartmill](#)

11:45-12:00

- **Combining Signals Within and Across Modalities in Great Ape Communication** - [Erica Cartmill](#)

12:00-12:15

- **Complex Patterns of Signalling in Bonobo Communication: When Specificity Lies in Gestures** - [Émilie Genty*](#), [Christof Neumann](#), [Klaus Zuberbühler](#)

12:15-12:30

- **Do Chimpanzee Signal Combinations Provide Refinement or Redundancy in Meaning?** [Catherine Hobaiter](#), [Adrian Soldati](#), [Klaus Zuberbühler](#)

Ecology

Chairs: [Shelly Masi](#) and [Giuseppe Donati](#)

10:45-11:00

- **The Energetics of Reproduction in a Wild Malagasy Primate** [Cécile Garcia](#), [Luca Morino](#), [Amélie Chimenes](#), [Hantanirina Rasamimanana](#), [Vonjy Andrianarimalala](#), [Ruva Fiandry](#), [Alexandre Zahariev](#), [Stéphane Blanc](#), [Bruno Simmen](#)

11:00-11:15

- **First Evidence of Geophagy in a Free-Ranging Group of Yellow-Tailed Woolly Monkeys (*Lagothrix flavicauda*) at 'La Esperanza', Peru** [Vinciane Fack](#), [Régine Vercauteren Drubbel](#), [Sam Shanee](#), [Martine Vercauteren](#), [Hélène Meunier](#)

11:15-11:30

- **Behavioural Flexibility of Vervet Monkeys (*Chlorocebus pygerythrus*) Living in a Savanna-Woodland Fragment in Tanzania** - [Valentina D. Rindal](#), [Trond Reitan](#), [Glenn-Peter Sætre](#), [Sood A. Ndimuligo](#), [Addisu Mekonnen](#), [R. Adriana Hernandez-Aguilar](#)

11:30-11:45

- **Lemur Abundance in the Lowland Rainforest of Tsitongambarika, Southeastern Madagascar: Altitudinal and Latitudinal Comparisons** [Giuseppe Donati](#), [Michela Balestri](#), [Megan Phelps](#), [Julie Mauguière](#), [Marco Campera](#)

11:45-12:00

- **Energy Expenditure and Body Composition of Verreaux's Sifakas in Forest Fragments of the Arid South of Madagascar** - [Bruno Simmen](#), [Luca Morino](#), [Hantanirina Rasamimanana](#), [Alexandre Zahariev](#), [Stéphane Blanc](#), [Bernard Riera](#), [Edmond Roger](#), [Vonjy Marie Prisca Andrianarimalala](#), [Ruva Fiandry](#), [Rado Ramahandrison](#), [Cécile Garcia](#)

12:00-12:15

- **Exploring Niche Partitioning in Strepsirrhines: *Lepilemur fleuretae* and *Avahi meridionalis* in the Lowland Rainforest of Southeastern Madagascar** [Michela Balestri*](#), [Marco Campera](#), [Kai Nekaris](#), [Giuseppe Donati](#)

3D imaging for functional studies in primatology

Chairs: [Sébastien Couette](#) and [Judit Marigó](#)

10:45-11:00

- **Is Ear Pneumatization Functional, or Just a Heritable Trait?** [Margot Bernardi*](#), [Sébastien Couette](#), [Sophie Montuire](#)

11:00-11:15

- **Shape and Function of The Hominid Auditory Region** [Alexander Stoessel](#), [Romain David](#), [Philipp Gunz](#), [Jean-Jacques Hublin](#), [Fred Spoor](#)

11:15-11:30

- **Just a matter of size? The influence of cranial size variation on ear functions** [Sébastien Couette](#), [Margot Bernardi](#), [Sophie Montuire](#)

11:30-11:45

- **Geometric Morphometric Approaches to Infer Bite Force and Diet in Extinct Strepsirrhines** - [Anne-Claire Fabre](#), [Maitena Dumont](#), [Christine E. Wall](#), [Elizabeth Dumont](#), [Laurie Godfrey](#), [Anthony Herrel](#)

11:45-12:00

- **What Can The Shape of The Calcaneus Tell Us About Locomotion in Extinct Primates?** [Judit Marigó](#), [Anne-Claire Fabre](#), [Doug M. Boyer](#)

12:15-13:45

Lunch

Thursday 24 August - Afternoon

16:00-17:30 Parallel Oral Communications

Communication (continued)

Chairs: Marie Bourjade and Stuart Semple

- 16:00-16:15 • **The Timing of Vocal Accommodation in Common Marmosets (*Callithrix Jacchus*)**
Yvonne Zürcher*, Judith M. Burkart
- 16:15-16:30 • **Identity and Contextual information in Alarm Calls of Titi Monkeys**
Mélissa Berthet*, Christof Neumann, Geoffrey Mesbahi, Cristiane César, Klaus Zuberbühler
- 16:30-16:45 • **The Evolution of Crying: Distress Calls and Infants' Needs in Wild Chimpanzees**
Guillaume Dezechache, Klaus Zuberbühler, Marina Davila-Ross, Christoph D. Dahl
- 16:45-17:00 • **The Structure and Function of Female Chimpanzee Pant-Hoots**
Eve Holden*, Charlotte Brand, Charlotte Grund, Liran Samuni, Klaus Zuberbühler, Catherine Hobaiter
- 17:00-17:15 • **The Specificities of Chimpanzee Vocalisations and their Relationship to the Vocal Apparatus**
Marion Laporte, Philippe Martin, Didier Demolin
- 17:15-17:30 • **On the Origin of Hemispheric Specialization for Language: Hand & Brain Asymmetries using MRI in Baboons (*Papio anubis*)**
Adrien Meguerditchian, Damien Marie, Konstantina Margiotoudi, Olivier Coulon, Muriel Roth, Bruno Nazarian, Jean-Luc Anton, Alice Bertello, Scott Lovea, Romain Lacoste

Health

Chairs: Victor Narat and Augusto Vitale

- 16:00-16:15 • **Considering the Diversity of Human - Nonhuman Primate Contacts for Disease Emergence**
Victor Narat, Stephanie Rupp, Tamara Giles-Vernick
- 16:15-16:30 • **High Prevalences and a Wide Genetic Diversity of Simian Retroviruses in Non-human Primate Bushmeat in Rural Areas of the Democratic Republic of Congo**
Magnant Mukulumanya Mubonge*, Ahuka Mundeke Steve
- 16:30-16:45 • **PCR Detection of Entamoeba Histolytica in Captive, Semi aptive and Wild Primates in The Amazon Region of Ecuador**
Sarah Martin-Solano*, Gabriel Carrillo Bilbao, Sandra Minda-Aluisa, Washington Benitez-Ortiz, Bertrand Losson, Marie-Claude Huynen, Bruno Levecke
- 16:45-17:00 • **Vaginal Cytology as a Non-Invasive Method to Follow the Oestrus Cycle in Two Species of Non-Human Primates: Crab-eating Macaque (*Macaca fascicularis*) and Black Lemur (*Eulemur macaco*)**
Camille Truchard*, Manon Dirheimer, Fanélie Wanert
- 17:00-17:15 • **Study of Prevalence of Cestodosis in Wildlife and Primates in the Centre de Primatologie of Strasbourg**
Nicolas Brion*, Julie Brunet, Manon Dirheimer, Cécile Lang, Pierrick Regnard, Fanélie Wanert, Ermanno Candolfi
- 17:15-17:30 • **Non-human Primates in Neuroscience Research: The Case Against its Scientific Necessity**
Jarrod Bailey, Katy Taylor

17:30-19:00 EFP General Assembly - Awards & Farewell

Room Cavailles

* Participants in the student award competition