



INTERNATIONAL SYMPOSIUM ON

WILDLIFE CAPTURE AND CHEMICAL IMMOBILIZATION

MAIELLA NATIONAL PARK | WILDLIFE RESEARCH CENTER
OCTOBER 19 - 21, 2023

FIRST ANNOUNCEMENT



The Wildlife Research Center of Maiella National Park cordially invites wildlife veterinarians, biologists, One Health professionals, wildlife and ecosystem managers, researchers, and students to share their knowledge and experience at the **International Symposium on Wildlife Capture and Chemical Immobilization** to be held in Caramanico Terme (PE), Abruzzo Region, Italy on October 19-21, 2023.

This Symposium is held at a critical juncture in the evolution of the global interface between humans and wildlife. Human activities and development can eliminate habitat and native species, thereby altering ecosystem equilibrium requiring urgent conservation intervention for some species. On the other hand, the abandonment of rural areas by humans can have marked ecological consequences on wildlife such that predators and prey species migrate from their former ecological refuges. Conversely, other species move from rural into urban areas.

The science, as well as the art, of capturing wild animals is an ancient human endeavor that has fundamentally evolved over time. In this historical, Anthropocene age, animal capture is a critical component in correcting the relationship among humans, the environment, and wildlife. However, animal capture cannot ignore animal welfare concerns whether for conservation, research, or disease management and control.

Now more than ever, these criticalities emphasize the need to develop best practices that integrate physical and chemical capture methodologies with animal behavior, physiology, and welfare. This Symposium should serve as an opportunity to advance animal capture to meet these goals.



OBJECTIVES

THE OBJECTIVES OF THE SYMPOSIUM ARE TO:

- Understand how capture techniques have evolved in recent decades by review and evaluation of capture methods developed in different areas of the world;
- Review recent developments of wildlife capture techniques that improve conservation and management practices relative to the evolving human-wildlife interface;
- Provide information on innovative tools and technology of field anesthesia and clinical monitoring;
- Discuss adapting mechanical and chemical immobilization practices that consider animal behavior, physiology, and welfare;
- Identify knowledge gaps, research needs, and new opportunities to develop and effectively link best practices with wildlife conservation, management of the human-wildlife interface, conservation medicine, and eco-health surveillance - all within a "One Health" vision.

The program includes keynote presentations, invited speeches, oral presentations and posters.

TOPICS

THE AREAS OF INTEREST INCLUDE (BUT ARE NOT LIMITED TO) THE FOLLOWING TOPICS:

- Physical capture and handling of wildlife
- Chemical immobilization protocols and practices
- Integrated chemical and physical restraint
- Innovative field anesthesia and clinical monitoring
- Field emergencies and complications
- Wildlife capture and animal welfare
 - International Humane Trapping Standards, welfare, and performance (i.e., efficiency and selectivity)
 - Wildlife capture as a tool for animal health surveillance and disease control
 - Capture as aversive conditioning for wildlife in human-dominated landscapes

IMPORTANT DATES

24 APRIL 2023

REGISTRATION OPEN AND EARLY BIRD OFFER

20 MAY 2023

CALL FOR ABSTRACTS OPEN

07 AUGUST 2023

ABSTRACT SUBMISSION CLOSE

25 AUGUST 2023

CLOSING EARLY BIRD REGISTRATIONS

26 AUGUST - 6 OCTOBER 2023

STANDARD REGISTRATION FEES

26 AUGUST 2023

NOTIFICATION OF ABSTRACT ACCEPTANCE

29 SEPTEMBER 2023

PAPER SUBMISSION FOR SYMPOSIUM PROCEEDINGS

TIMETABLE PROGRAMME AT A GLANCE

THURSDAY, OCTOBER 19, 2023

MORNING

Welcome & Introductions
Symposium Opening
Ceremony
Keynote 1.
Opening speech

AFTERNOON

Oral presentations
Keynote 2.
Oral presentations

EVENING

Day 1 Closing remarks

FRIDAY, OCTOBER 20, 2023

MORNING

Keynote 3.
Oral presentations
Keynote 4.

AFTERNOON

Oral presentations
Day 2 Closing remarks

EVENING

Social evening

SATURDAY, OCTOBER 21, 2023

MORNING

Keynote 5.
Oral presentations
Keynote 6.

AFTERNOON

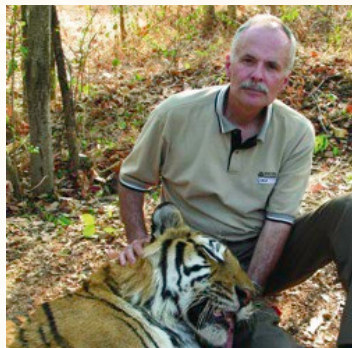
Oral presentations
Round Table and closing
remarks
Symposium Closing
Ceremony



KEYNOTE SPEAKERS

TERRY KREEGER

WILDLIFE CAPTURE IN THE 21ST CENTURY

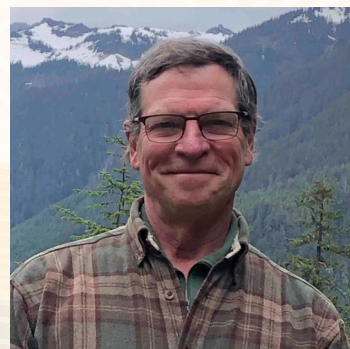


Terry Kreeger, MS, DVM, PhD retired as the State Wildlife Veterinarian for the Wyoming Game and Fish Department and as adjunct professor at the University of Wyoming (Veterinary Sciences) and the University of Minnesota (Fisheries and Wildlife). His research interests include wildlife capture and anesthesia, physiology and behavior, and wildlife diseases. In addition to over 100 scientific publications, he is co-author of the Handbook of Wildlife Chemical Immobilization. He was past president of the American Association of Wildlife Veterinarians and was unanimously elected a Lifetime Honorary Member of The Wildlife Society.

MARK R. JOHNSON

PRACTICAL APPROACHES FOR MONITORING AND MAXIMIZING ANIMAL CARE

Mark R. Johnson, DVM, MS, is founder/CEO of Global Wildlife Resources. He was the first veterinarian for the National Park Service and Project Veterinarian for the gray wolf reintroduction program in Yellowstone Park. Dr. Mark teaches wildlife capture and handling for state and federal wildlife agencies, tribal programs, NGO's, sanctuaries, and veterinarians with both live and online courses. He is an instructor for USDA Wildlife Services and Affiliate Faculty at University of Montana Wildlife Biology. Dr. Mark has 30+ years in the field with many diverse North American species including bears, wolves, and ungulates and is currently assisting numerous research programs on cougar, lynx, and bobcats.



ALINA L. EVANS

CUTTING EDGE: CHEMICAL IMMOBILIZATION AND ANESTHESIA OF FREE-RANGING BROWN BEARS



Associate Professor at Inland Norway University of Applied Sciences. Alina Evans has worked within wildlife immobilization and wildlife health for the past 14 years, publishing numerous articles on the evaluation of field anesthesia in (mostly) northern species and completed her PhD on the ecophysiology of brown bears. She currently supervises PhD studies studying ecophysiology of brown bears, moose and cattle which graze in the presence of carnivores.

MARC CATTET

WILDLIFE CAPTURE: CONSIDERATIONS, CONSEQUENCES, AND ALTERNATIVES

Marc Cattet, DVM, PhD, is the Director of the Fish and Wildlife Branch with the Government of Yukon and an Adjunct Professor in the Department of Veterinary Pathology at the University of Saskatchewan (Canada). His research interests include chemical immobilization, the effects of human activity on wildlife health, and the assessment of wildlife health by non-invasive techniques. Over the past four decades, he has coauthored numerous wildlife-related scientific publications, supervised graduate students, and taught courses in wildlife chemical immobilization.



JORGE R. LOPEZ OLVERA

CAPTURING EUROPEAN WILD UNGULATES: HOW WELL ARE WE DOING?



Jorge R. López Olvera, DVM, PhD, works as Associate Professor at the Veterinary School of the Universitat Autònoma de Barcelona in Spain. Jorge's research and teaching activities have focused on wildlife capture and stress assessment, diseases, and population management, as well as human-wildlife conflict in anthropized wildlife. He has coauthored more than 100 scientific publications in indexed journals and supervised veterinary, Master and PhD students. He is member of the Board of the European Wildlife Disease Association (EWDA), Spanish President of the Groupe d'Étude sur l'Écopathologie de la Faune Sauvage de Montagne (GEEFSM), and Associate Editor of PLoS ONE and the European Journal of Wildlife Research.

JON M ARNEMO

35 YEARS AS A FIELD ANESTHESIOLOGIST

Jon M. Arnemo, DVM, PhD is a professor and wildlife veterinarian at the Inland Norway University of Applied Sciences and the Swedish University of Agricultural Sciences. He is co-author of the Handbook of Wildlife Chemical Immobilization and his list of publications includes more than 650 titles on wildlife anesthesia, One Health, ecophysiology, ecotoxicology, lead (Pb) exposure and wound ballistics. He has supervised numerous veterinary and master students and PhD candidates. He has given immobilization courses for 30 years and has been involved in wildlife capture operations in Europe, Asia, Africa, North America and South America.





CALL FOR ABSTRACTS

Submitted research abstracts can be considered for oral presentations in the Symposium and for poster presentations. Oral presentations, on one of the main Symposium topics, are short 12-minute talks, followed by 3-minute questions and answers. Posters will be organized by topic; opportunities for presenters to discuss their work with interested participants will be provided by designated poster sessions in the Symposium schedule. Final versions of accepted papers must be uploaded to the Symposium website for inclusion in the Symposium Proceedings.

The Abstract submission application will be open from 20th May 2022 to 7th August 2023.

You will find the instructions at www.wildlifecapturesymposium.it

CONTACT US

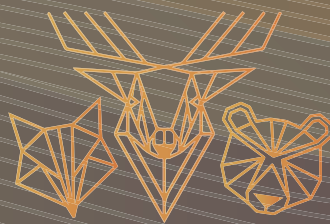
Organizing Secretariat.

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