



INTERNATIONAL SYMPOSIUM ON

WILDLIFE CAPTURE AND CHEMICAL IMMOBILIZATION

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

DETAILED PROGRAM



THURSDAY, OCTOBER 19, 2023

09.00. Welcome & Introductions. Symposium Opening Ceremony.

10.00. Keynote 1. Opening speech.

TERRY KREEGER.

WILDLIFE CAPTURE IN THE 21ST CENTURY

11.30. Coffee break.

12.00. Comparison of carfentanil-xylazine and butorphanol-azaperone-medetomidine combinations for immobilization of free-ranging bison (*Bison bison*), **Caeley Thacker**, Canada

12.20. Capture and chemical immobilization of the grey wolf (*Canis lupus*) in Scandinavia: a review of 16 years of experience with tiletamine-zolazepam-medetomidine. **Jacopo Morelli**, Norway, UK, Sweden

12.40. Immobilization of brown bears and use of cage trap in problem bear management in Slovakia, **Ladislav Molnar**, Slovakia.

13.00 - 14.30. Lunch break.

14.30. Keynote 2.

MARK R. JOHNSON.

PRACTICAL APPROACHES FOR MONITORING AND MAXIMIZING ANIMAL CARE

16.00. Physiologic evaluation of capture and anesthesia with Fremont® Humane Foot Snare and Medetomidine-Ketamine-Acepromazine in free ranging Apennine wolf (*Canis lupus italicus*) and implications on animal welfare. **Simone Angelucci**, Italy.

16.20. A novel physical restraint cage for blood sampling conscious European badgers (*Meles meles*) in the field. **Richard Delahay**, UK.

16.40. A multimodal approach to the immobilization of free-ranging grey wolves (*Canis lupus*) using netgun capture and reversible butorphanol/azaperone/medetomidine anesthesia. **Naima Jutha**, Canada, USA.

17.00. Impacts of capture on wild animals. Assessing short term effects on behaviour in free-ranging wolves (*Canis lupus*): a case study. **Liliana Costanzi**, Italy.

17.20. Day 1 Closing remarks. **Terry Kreeger and Mark Johnson**.

FRIDAY, OCTOBER 20, 2023

09.00. Keynote 3.

ALINA L. EVANS.

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

10.30. Investigating the efficacy of butorphanol-dexmedetomidine-midazolam versus tiletamine-zolazepam for field immobilizations of free-ranging wild fishers (*Pekania pennanti*), **Andrew R. Di Salvo**, USA.

10.50. Chemical immobilization of brown bears a Croatian experience. **Slaven Reljić**. Croatia.

11.10. Coffee break.

11.40. The welfare impacts of two methods for blood sampling European badgers (*Meles meles*) in the field **Adrian Colloff**, UK.

12.00. Capture-induced changes in brown bear (*Ursus arctos*) activity patterns. **Giovanna Miani**, Italy.

12.20 - 14.00. Lunch break.

14.00. Keynote 4.

MARC CATTET.

WILDLIFE CAPTURE: CONSIDERATIONS, CONSEQUENCES, AND ALTERNATIVES

15.30. The cost of research: lasting effects of capture, surgery and muscle biopsy on brown bear movement and physiology. **Alexandra Thiel**, Norway, Germany, Austria, Sweden.

15:50. Take a deep breath, and try it again: brown bear (*Ursus arctos*) spatial behaviour in relation to the techniques and capturing site.

Lorenzo Frangini, Italy.

16.10. Welfare and Clinical Assessment on physical captures followed by anesthesia in Apennine Chamois (*Rupicapra pyrenaica ornata*).

Antonio Antonucci, Italy.

16.30. Day 2 Closing remarks. **Alina Evans and Marc Cattet**.

18.30. Social evening.

SATURDAY, OCTOBER 21, 2023

09.30. Keynote 5.

JORGE R. LOPEZ OLVERA.

CAPTURING EUROPEAN WILD UNGULATES: HOW WELL ARE WE DOING?

11.00. Qualitative assessment of immobilization with detomidine, ketamine and azaperone in fallow deer (*Dama dama*): a pilot study.

Giulia Maria De Benedictis, Italy.

11.20. Coffee break.

11.50. Using BAM (butorphenol/azaperone/medetomidine) combination protocols for capture of free-ranging and captive wildlife in the Yukon, Canada. **N. Jane Harms**, Canada.

12.10. Field Immobilization of European Bison for translocation.

Ladislav Molnar, Slovakia.

12.30 - 14.00. Lunch break.

14.00. Keynote 6.

JON M. ARNEMO.

35 YEARS AS A FIELD ANESTHESIOLOGIST

15.30. Immobilization of Free-ranging Eurasian lynx - Complications,

Challenges and Lessons learned. **Iris A. Marti**, Switzerland.

15.50. Integrating capture-based and environmental samplings to investigate endoparasite community in a population of Alpine marmots (*Marmota marmota*). **Rudi Cassini**, Italy.

16.10. Rescue, rehabilitation, and post-release monitoring of grey wolves and Eurasian lynx in Poland, **Michał Figura**, Poland.

16.30. Point of view: What if we got rid of chase time limits? A qualitative approach to decision-making in complex situations.

Ève Lamontagne, Canada.

16.50. Day 3 Closing remarks. **Jorge R. Lopez Olvera and Jon M. Arnemo**

17.30. Remarks for Closing Ceremony. Terry Kreeger, Mark Johnson, Alina Evans, Marc Cattet, Jorge R. Lopez Olvera and Jon M. Arnemo.

POSTER SESSION

1. Human and wildlife conflict, Amputation of the forelimb of Persian Leopard (*Panthera pardus tulliana*) being caught in a metal gin trap in Bashagard County. **Ehsan Saeidi**. Iran, Italy.
2. Challenges and strategies capturing wolves in a human-dominated landscape in Switzerland. **Florin Kunz**. Switzerland.
3. Chemical immobilization of free-ranging Fallow deer in Northern Italy: a retrospective observational study. **Riccardo Ercolini**. Italy.
4. Development of an effective, versatile humane wild hog trap. **Pietro Pontiggia**, USA, DE.
5. Efficacy and Recovery Quality of Concentrated Alfaxalone Anesthesia in Spotted Hyena (*Crocuta Crocuta*) - A Pilot Study. **R. Scott Larsen**. USA, Australia.
6. A journey through time: comparison of three anesthetic protocols in free ranging Marsican brown bears, **Leonardo Getuli**, Italy.

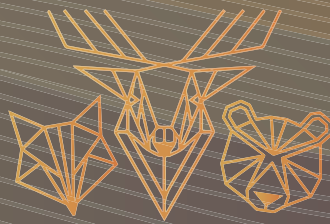
CONTACT US

Organizing Secretariat:

WILDLIFE RESEARCH CENTER, MAIELLA NATIONAL PARK.

info@wildlifecapturesymposium.it

www.wildlifecapturesymposium.it



INTERNATIONAL SYMPOSIUM ON

WILDLIFE CAPTURE AND CHEMICAL IMMOBILIZATION

