

DBEM Seminar Talk



Wednesday 31 January

14:00-15:00

Sala Riunioni PRC 2 (6202) (2nd floor)

Speaker

Alessandro Massolo is Professor in the Department of Biology at the University of Pisa, Italy.

His main research interest is the ecology of complex terrestrial systems at multiple spatial and temporal scales. He is involved in projects dealing with wildlife behavioural ecology in large mammals, such as hyaenas and coyotes, and he is also interested in wildlife health studying the systems of tropically transmitted parasites with complex life cycles (*Echinococcus* spp.) with mammalian host as case studies.

For more information see: https://people.unipi.it/alessandro_massolo/

https://www.researchgate.net/profile/Alessandro_Massolo

Title

The ecology of transmission at multiple spatial scales: the case of *Echinococcus multilocularis* in Canada.

Relevant publications

Kermish-Wells J, **Massolo** A, Stenhouse GB, Larsen TA, Musiani M (2017) Space-time clusters for early detection of grizzly bear predation. *Ecol Evol.* Nov 29;8(1):382-395

T Romig, P Deplazes, D Jenkins, P Giraudoux, A **Massolo**, PS Craig, Wassermann M, Takahashi K, de la Rue M (2017) Ecology and life cycle patterns of *Echinococcus* species. *Advances in parasitology* 95, 213-314

Liccioli S., Bialowas C., Ruckstuhl K.E. & A. **Massolo** (2015). Feeding ecology informs parasite epidemiology: prey selection modulates encounter rate with *Echinococcus multilocularis* in urban coyotes. *PLoS ONE* 10(3): e0121646

S Liccioli, P Giraudoux, P Deplazes, A **Massolo** (2015) Wilderness in the 'city' revisited: different urbes shape transmission of *Echinococcus multilocularis* by altering predator and prey communities *Trends in parasitology* 31 (7), 297-305

GR McCormack, M Rock, K Swanson, L Burton, A **Massolo** (2014) Physical activity patterns in urban neighbourhood parks: insights from a multiple case study *BMC public health* 14 (1), 962

Catalano S, Lejeune M, Liccioli S, Verocai GG, Gesy KM, Jenkins EJ, Kutz SJ, Fuentealba C, Duignan PJ, **Massolo** A (2012) *Echinococcus multilocularis* in urban coyotes, Alberta, Canada. *Emerg Infect Dis.* Oct;18(10):1625-8