

# Filmmaking for Scientists

*Samer Angelone*

## **I. Teaching “Filmmaking for Scientists”**

In this workshop, participants will learn about camera, audio, lighting equipment, and film editing software, as well as how to write, design, and carry out the basics of making a documentary. This practice-focused workshop will include filming short documentary films in small groups.

## **II. Developing the concept of a science film festival: Global Science Film Festival**

The [Global Science Film Festival](#) promotes constructive dialogue between filmmakers, scientists, and society about the global and essential problems facing our planet.

## **III. Writing three scientific papers on science communication through film, focusing on:**

- How filmmaking courses can help replace the linear narrative of scientists’ stories with alternatives;
- The modes of documentary films produced by the forthcoming generation of scientists-as-filmmakers;
- Revisiting the realm of environmental film festivals: lessons from the Green Film Network.

## **IV. Developing a short documentary film about human-wolf conflicts in Europe, especially in Italy:**

The film is about the lives of the people involved in the “wolf business,” including both the proponents and opponents of expanding wolf presences in Italy:

- Professors from the University of Torino, who are in charge of carrying out necropsies of dead wolves. The Italian authority sends them wolf carcasses from across the country, and they perform necropsies in order to determine the cause of death (accident, hunting, poisoning, etc.).
- People in Italy subsisting off of “wolf tourism,” whereby they host tourists and lead them on adventures aimed at locating and photographing wolves. Of course, this can take hours or days, and sometimes they are unsuccessful.
- Italian senators who are for or against shooting the “problematic” wolves who attack domestic animals.