

# GRAVITATIONAL LENSING

## LECTURE 9

---

*Docente: Massimo Meneghetti*  
*AA 2015-2016*

# TODAY'S LECTURE

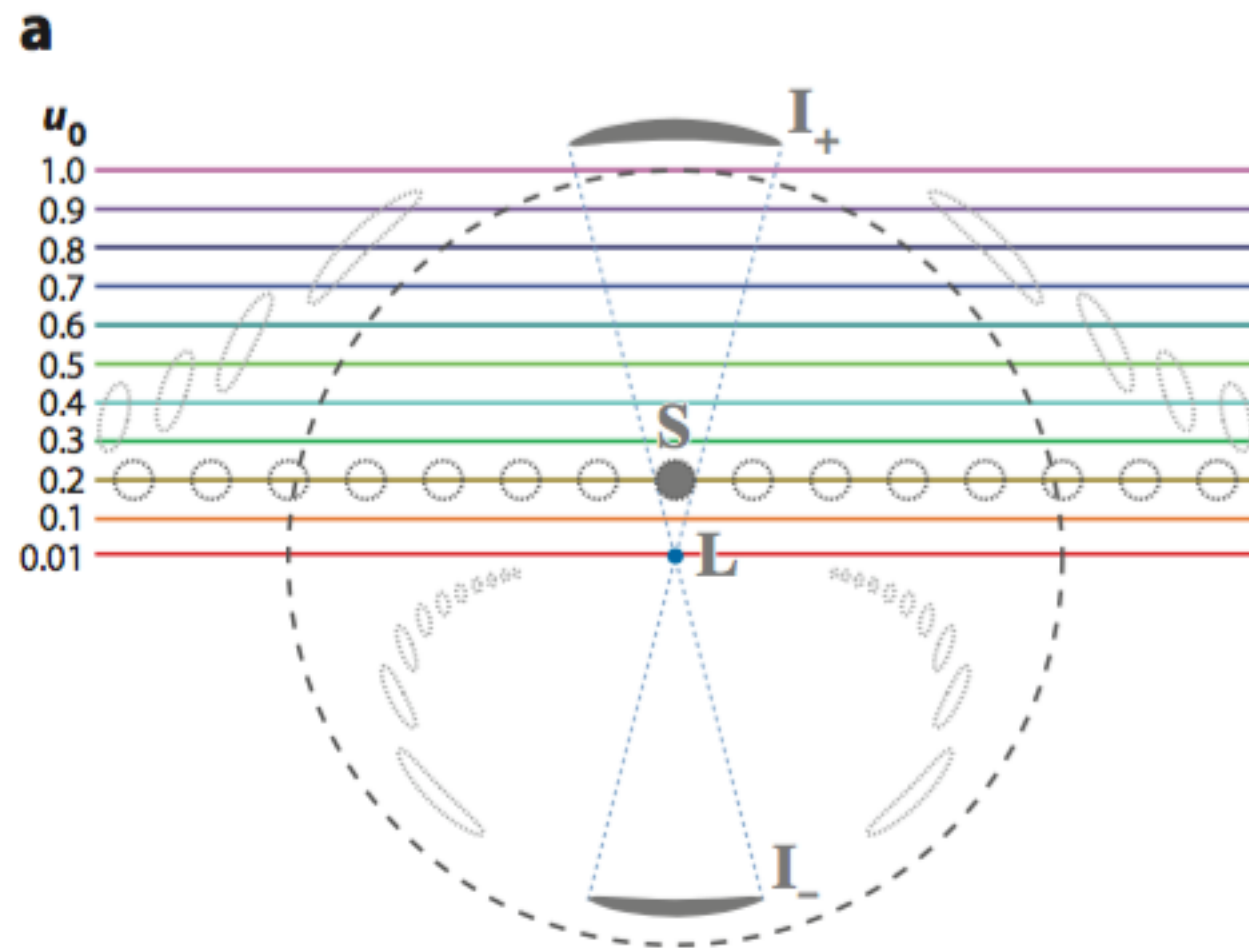
---

- Lensing by point masses: observational signatures
  - ~~photometric microlensing~~
  - astrometric microlensing

# IMAGE CONFIGURATIONS DURING A MICROLENSING EVENT

---

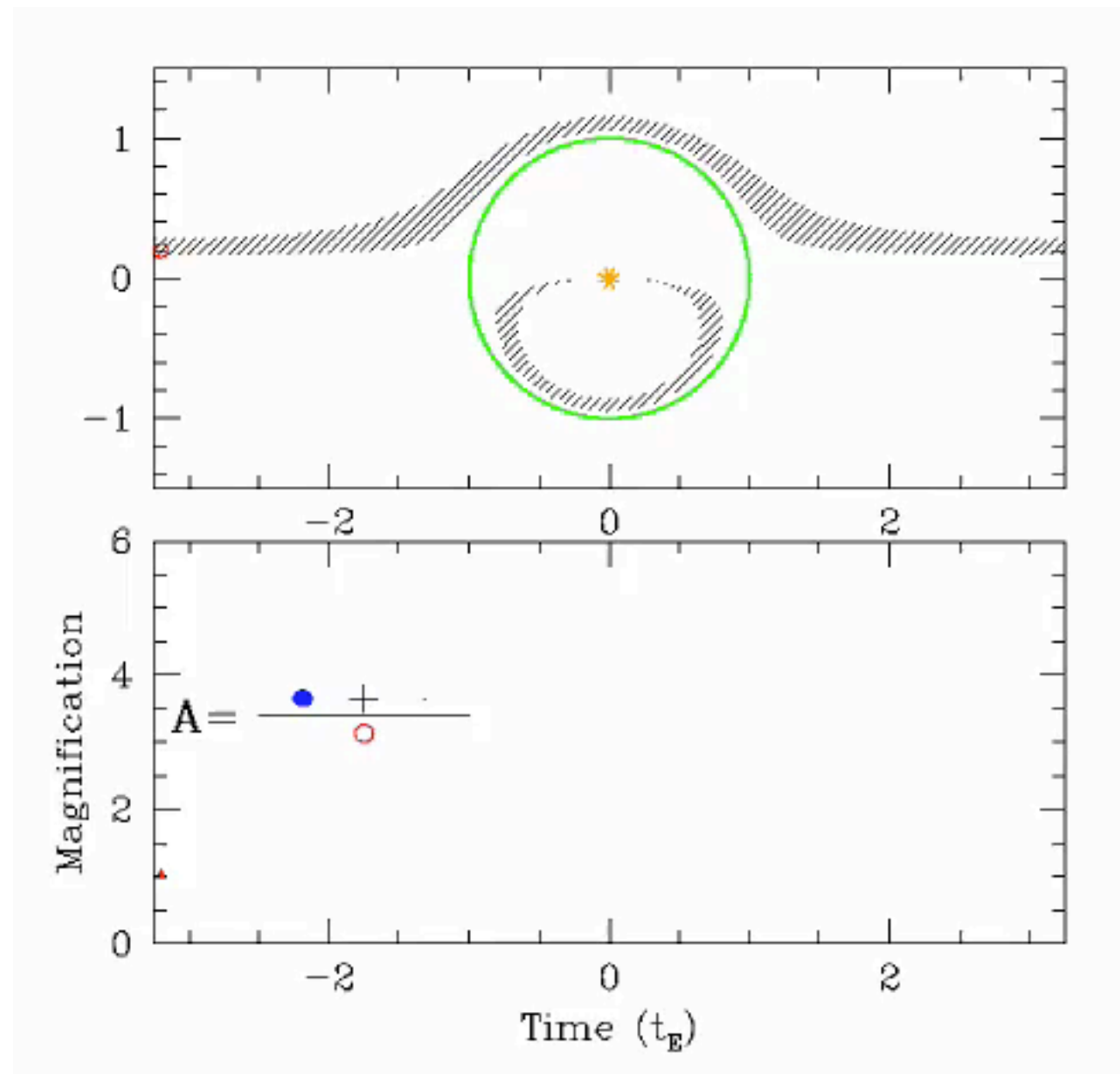
*Image configuration during the microlensing event.*



*Source, Images and Lens are aligned at any time!*

# IMAGE CONFIGURATIONS DURING A MICROLENSING EVENT

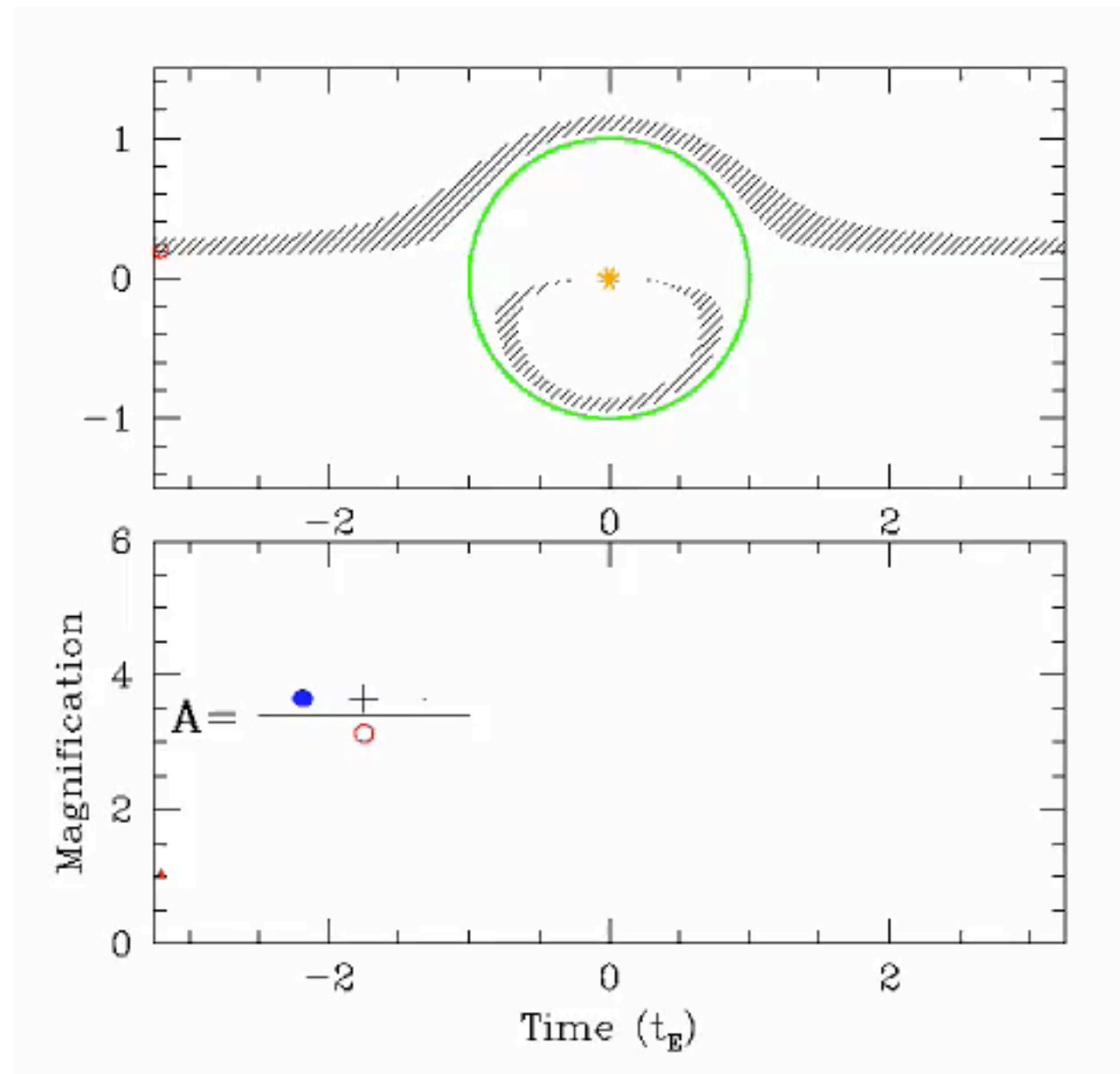
.....



*Courtesy of S. Gaudi*

# IMAGE CONFIGURATIONS DURING A MICROLENSING EVENT

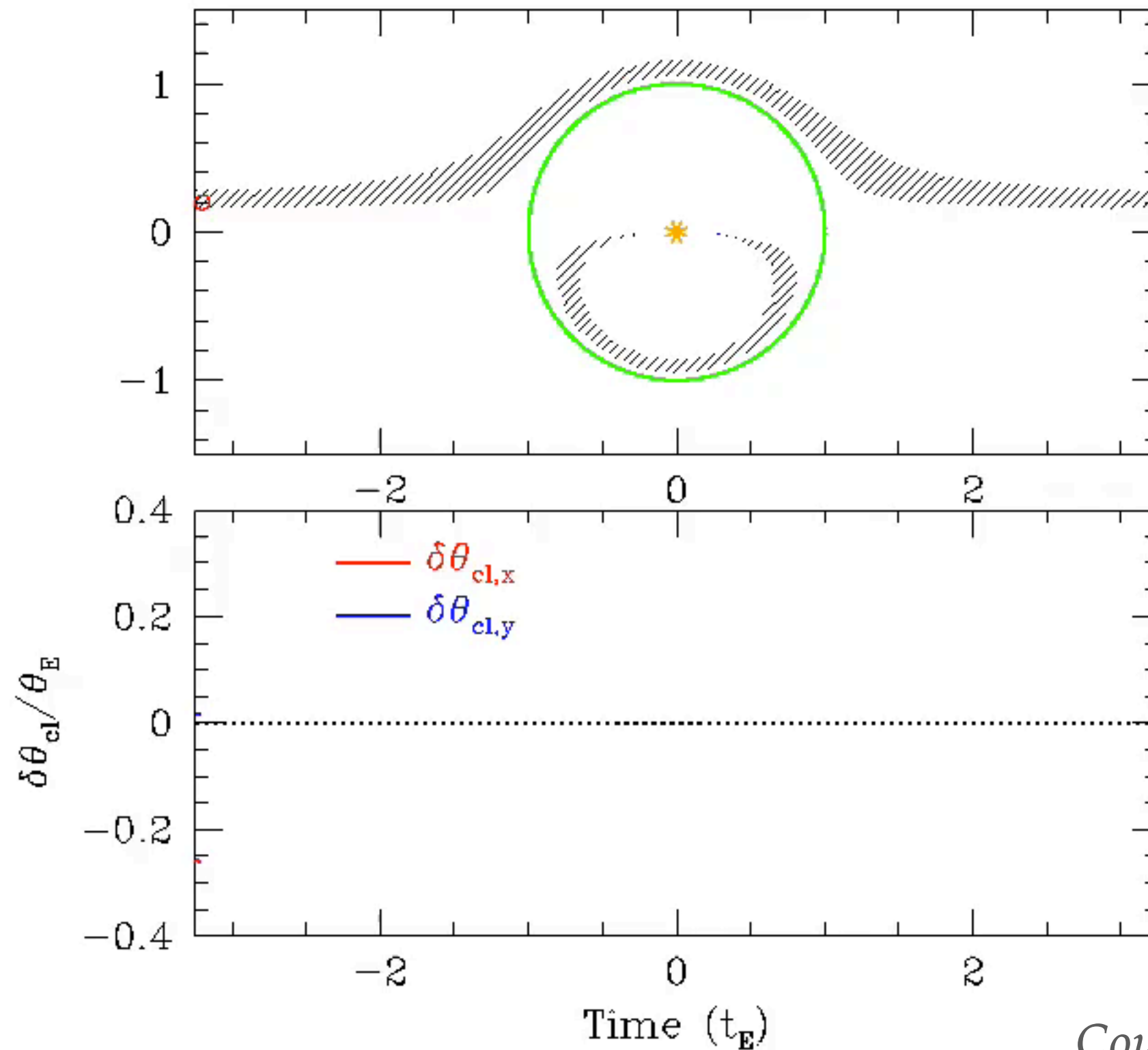
.....



*Courtesy of S. Gaudi*

# ASTROMETRIC MICROLENSING (ANIMATION)

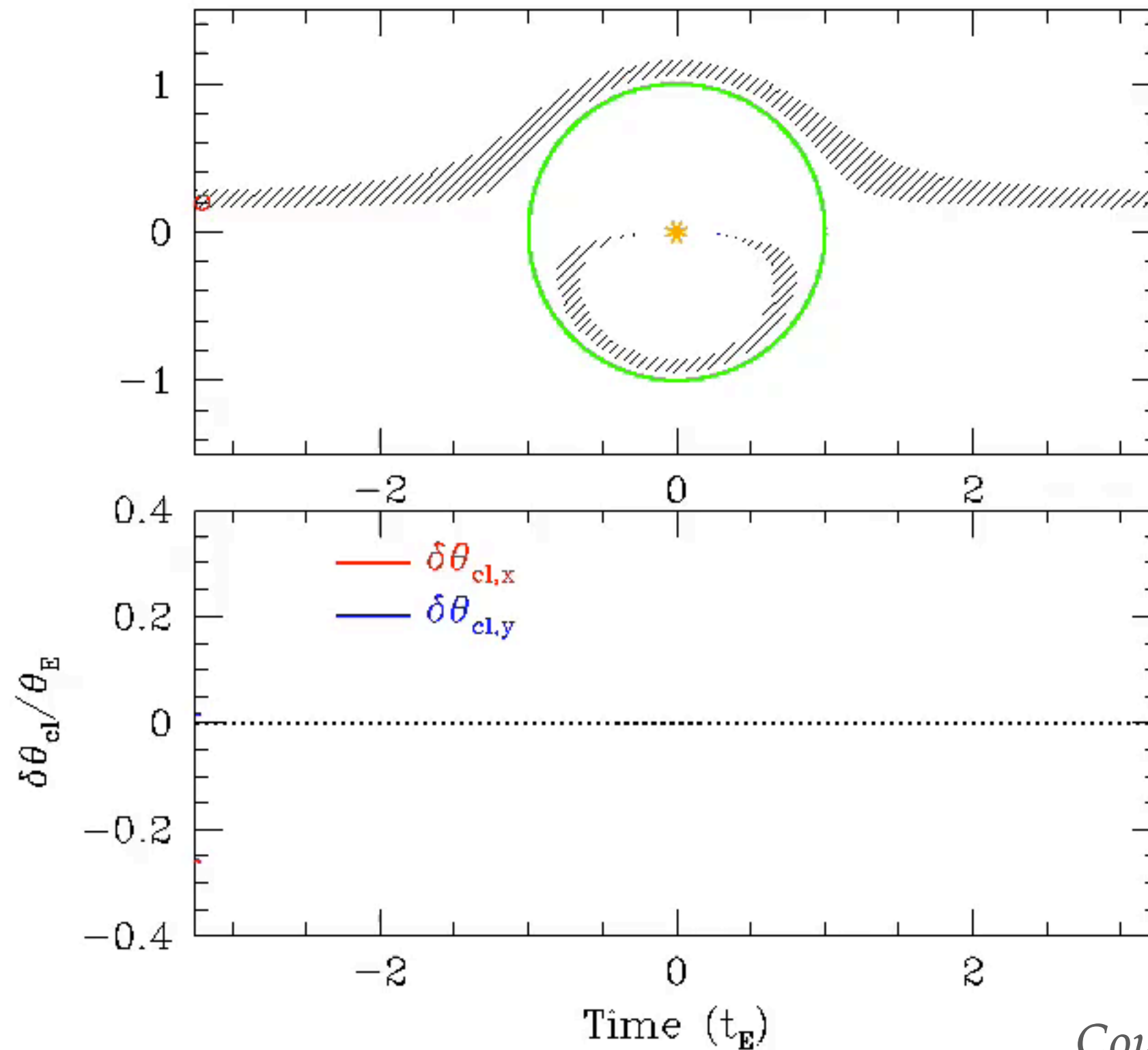
---



*Courtesy of S. Gaudi*

# ASTROMETRIC MICROLENSING (ANIMATION)

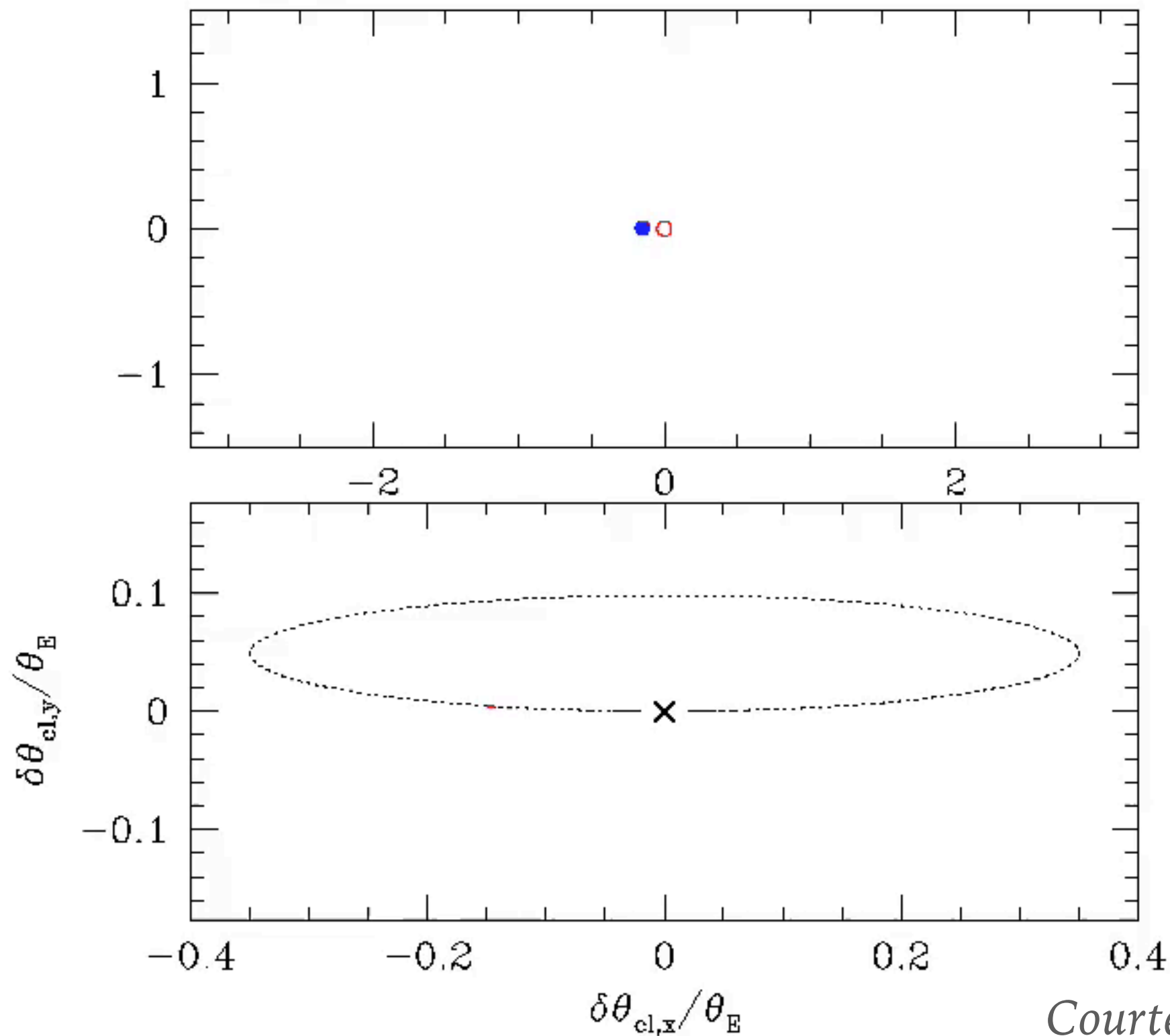
---



*Courtesy of S. Gaudi*

# ASTROMETRIC MICROLENSING (ANIMATION)

---

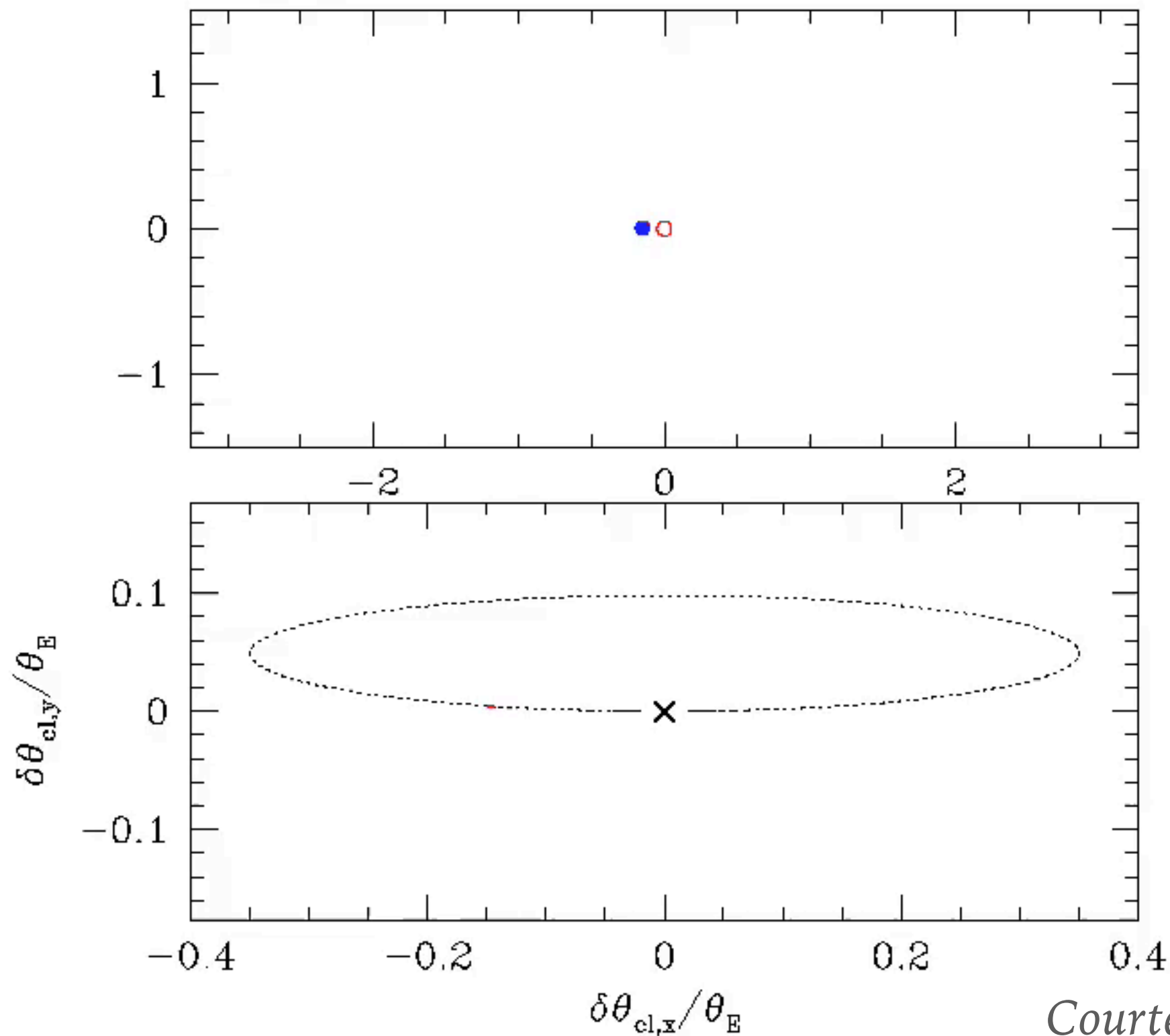


*Courtesy of S. Gaudi*



# ASTROMETRIC MICROLENSING (ANIMATION)

---



*Courtesy of S. Gaudi*