

# GRAVITATIONAL LENSING

## LECTURE 7

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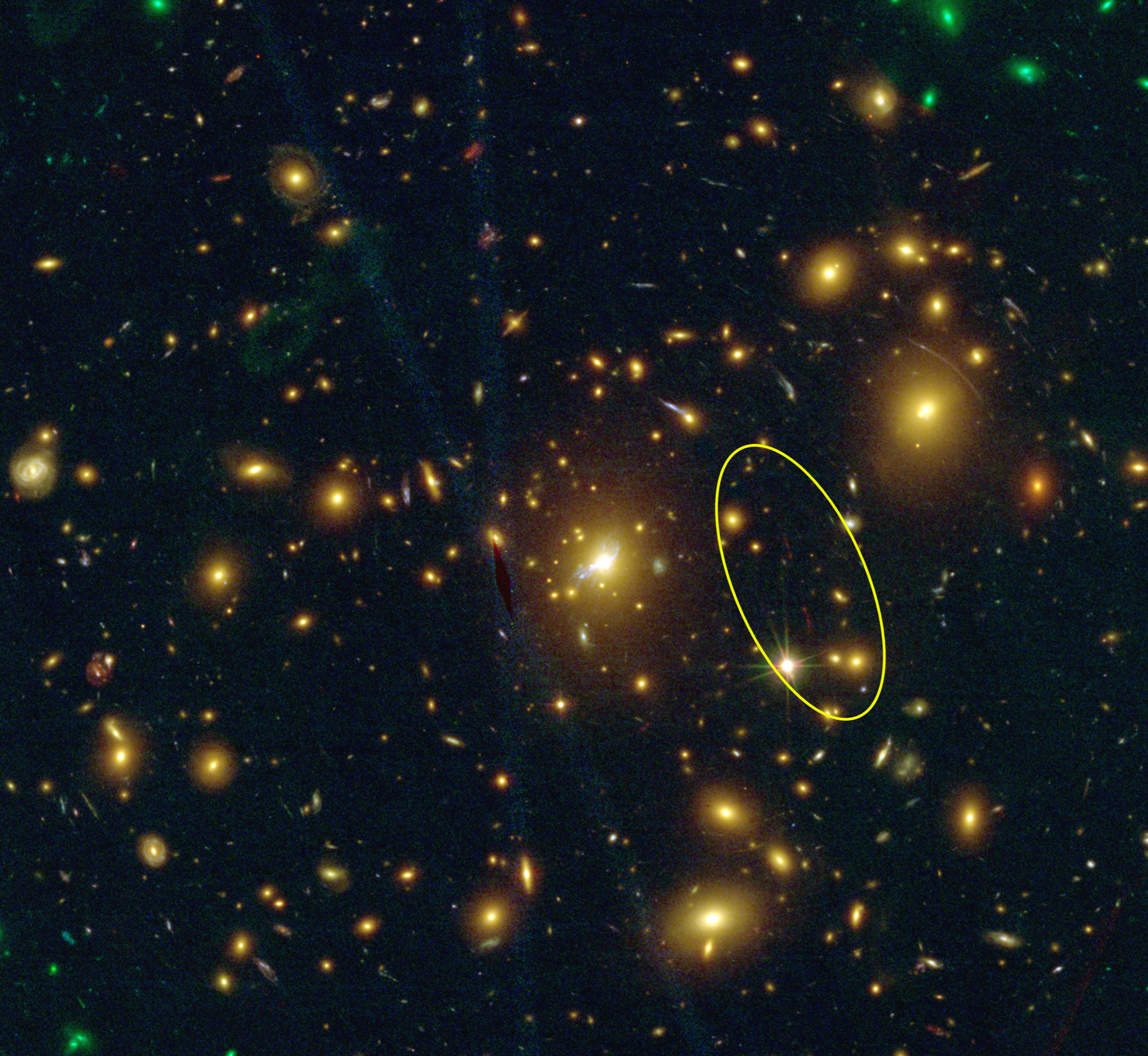
*Docente: Massimo Meneghetti*  
*AA 2015-2016*

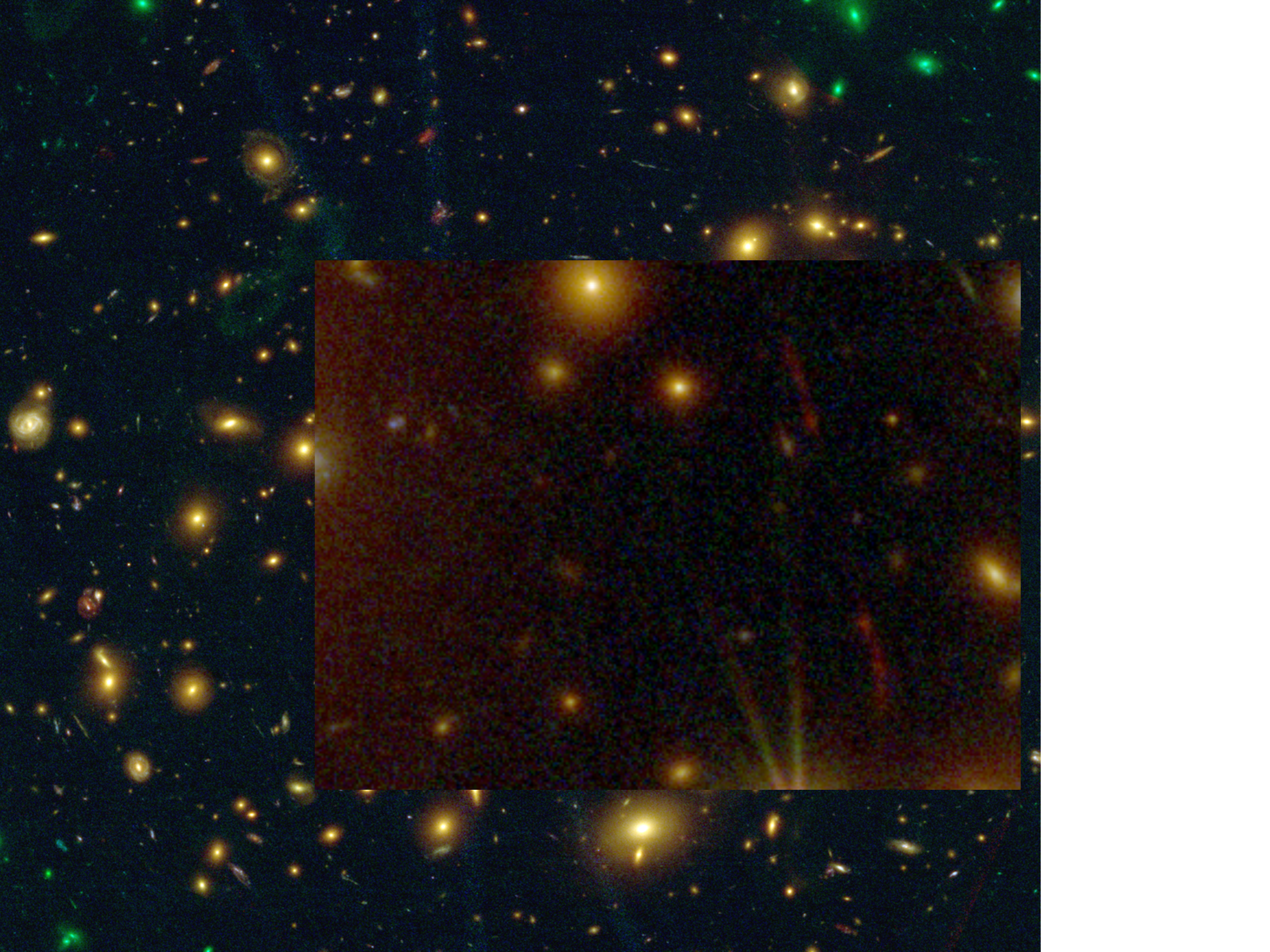
# TODAY'S LECTURE

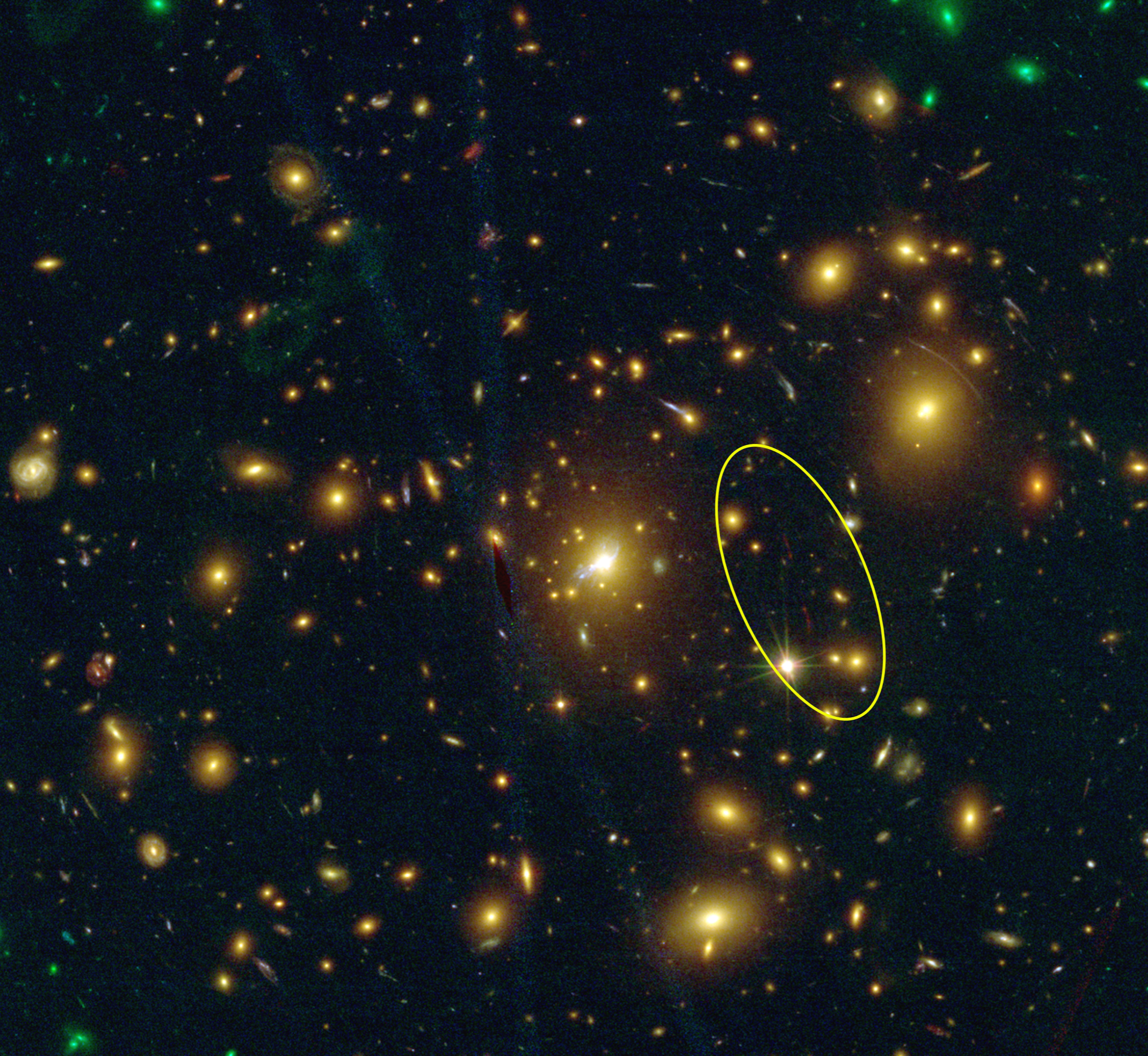
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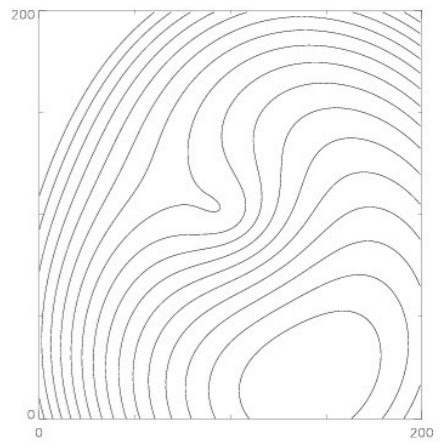
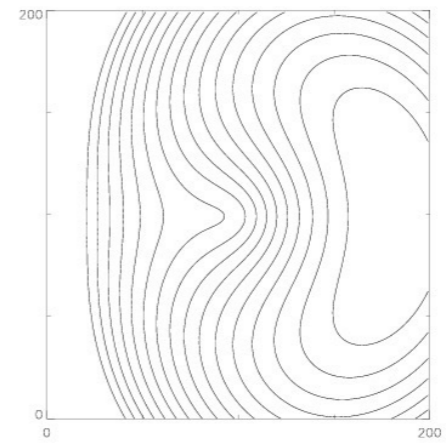
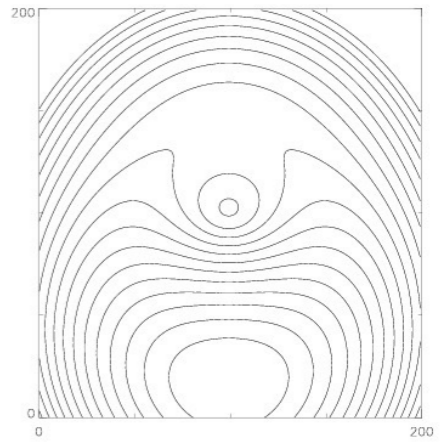
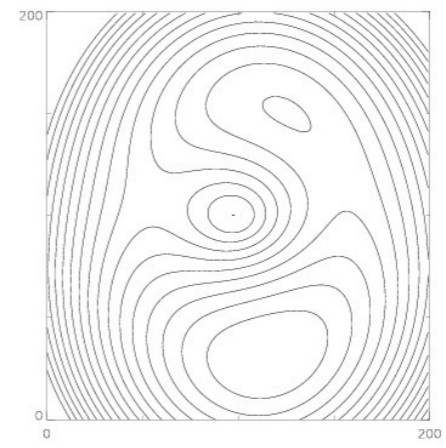
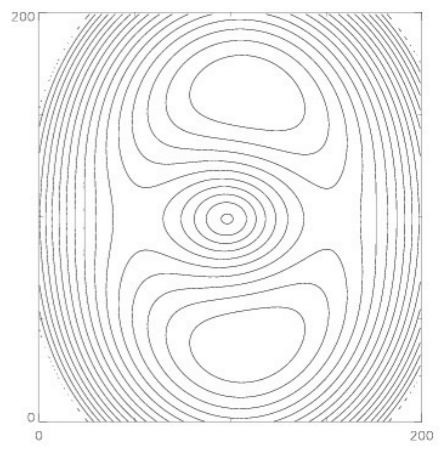
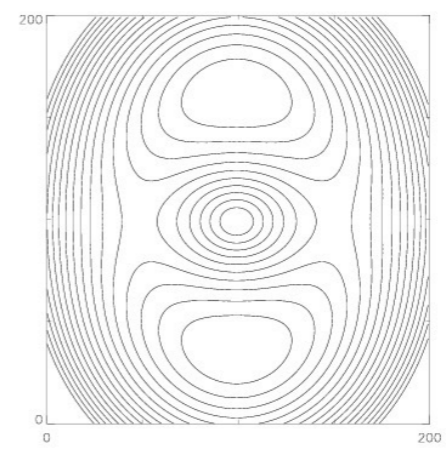
- Time delays (one last example)
- Point mass lens

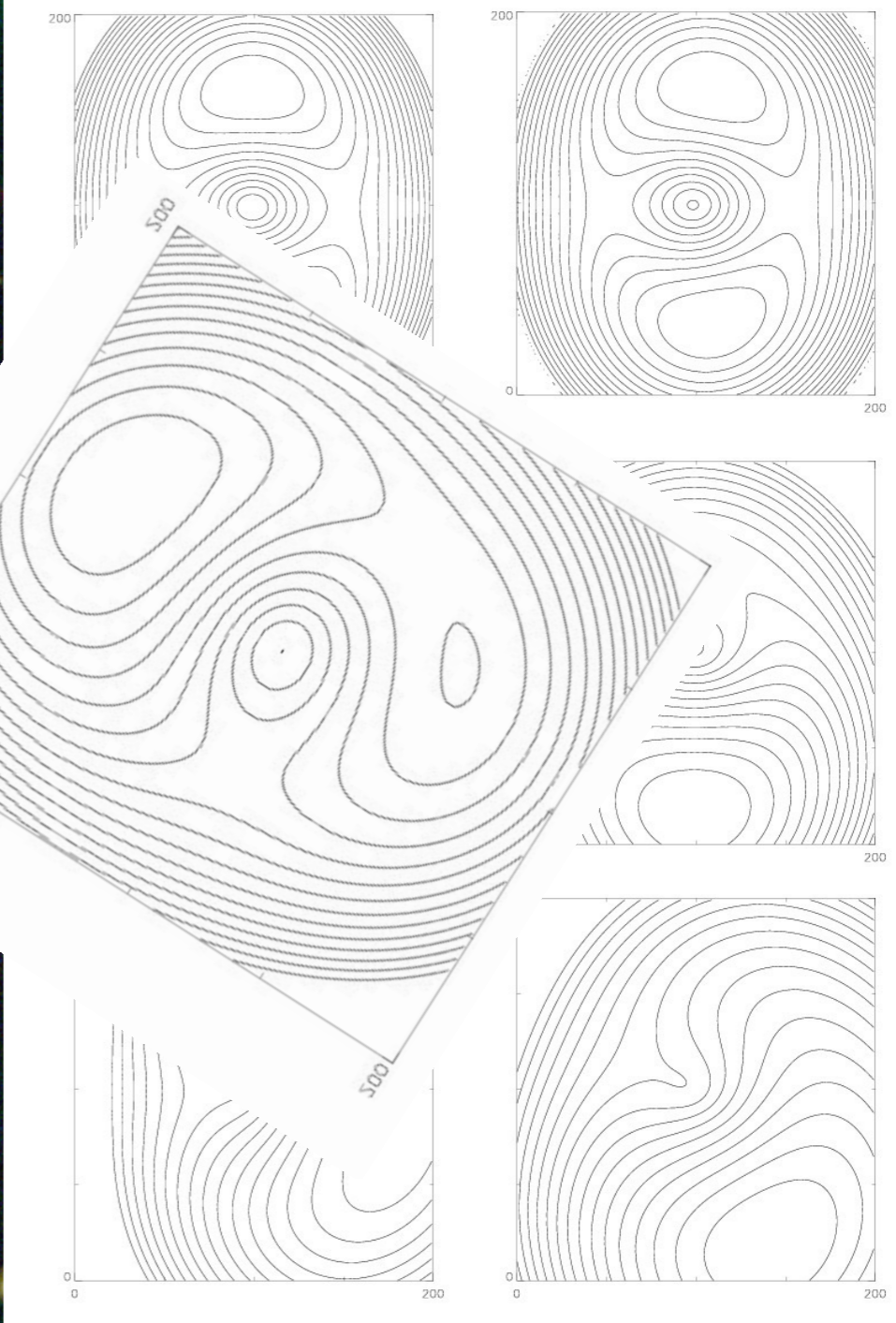
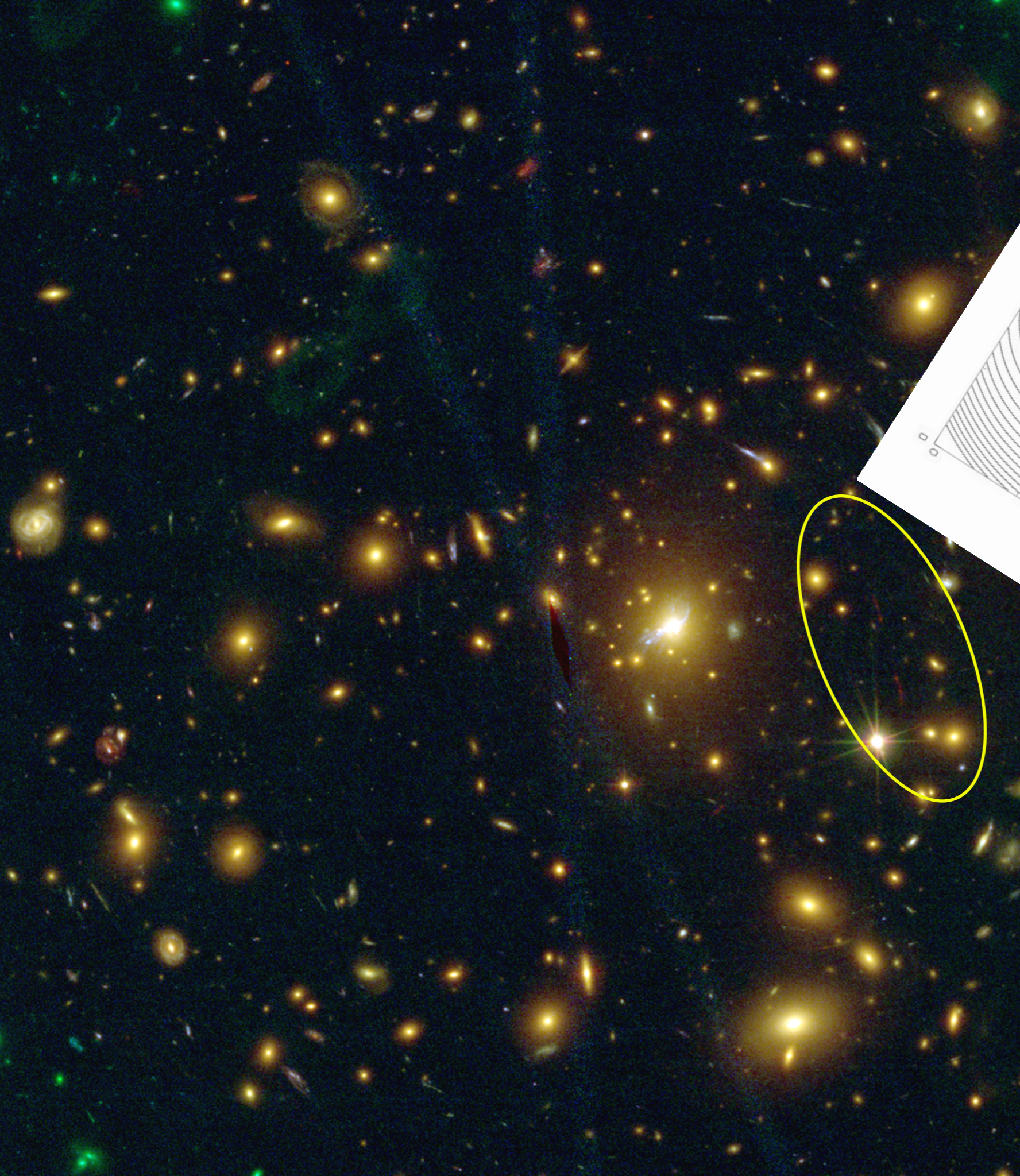




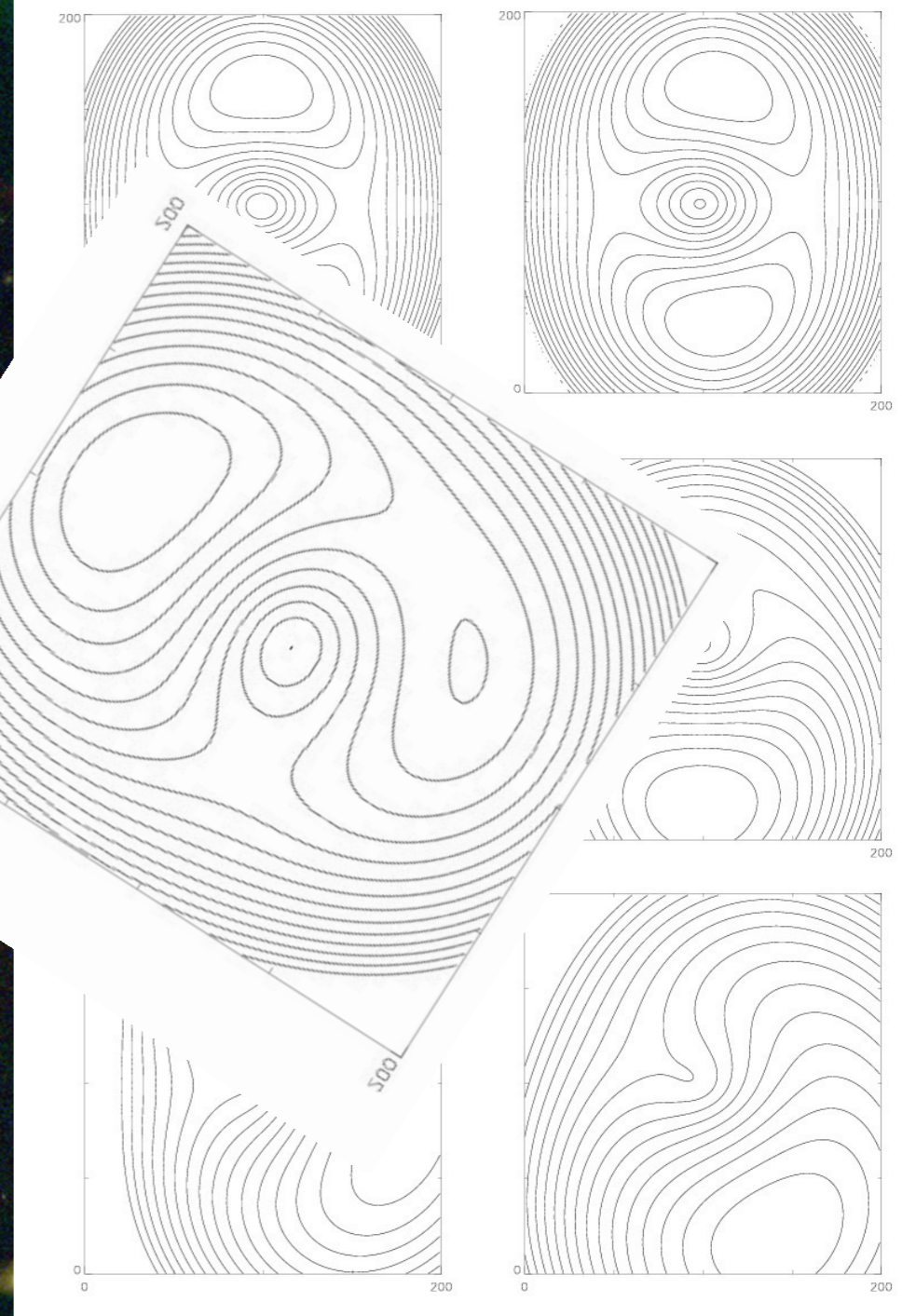
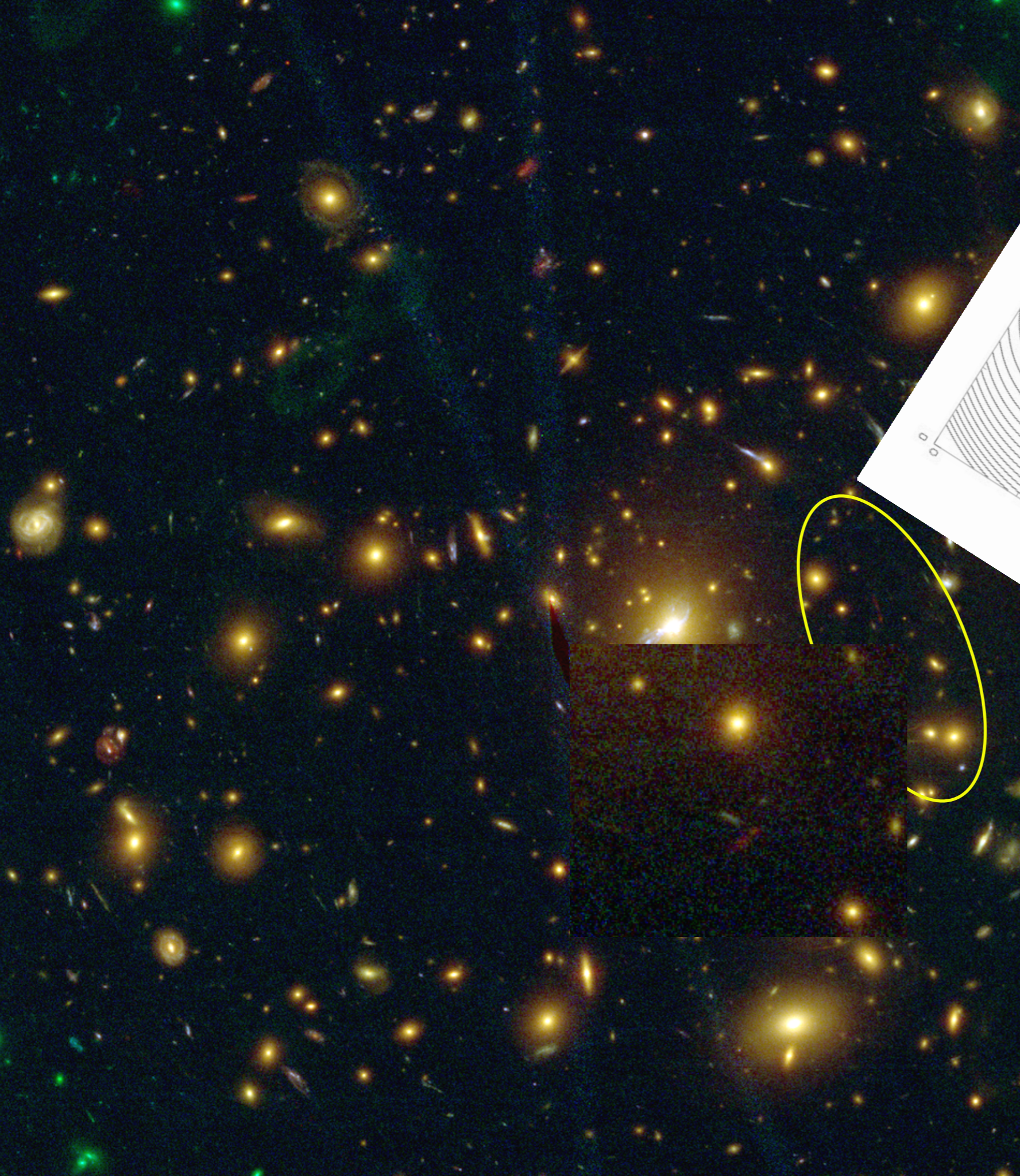


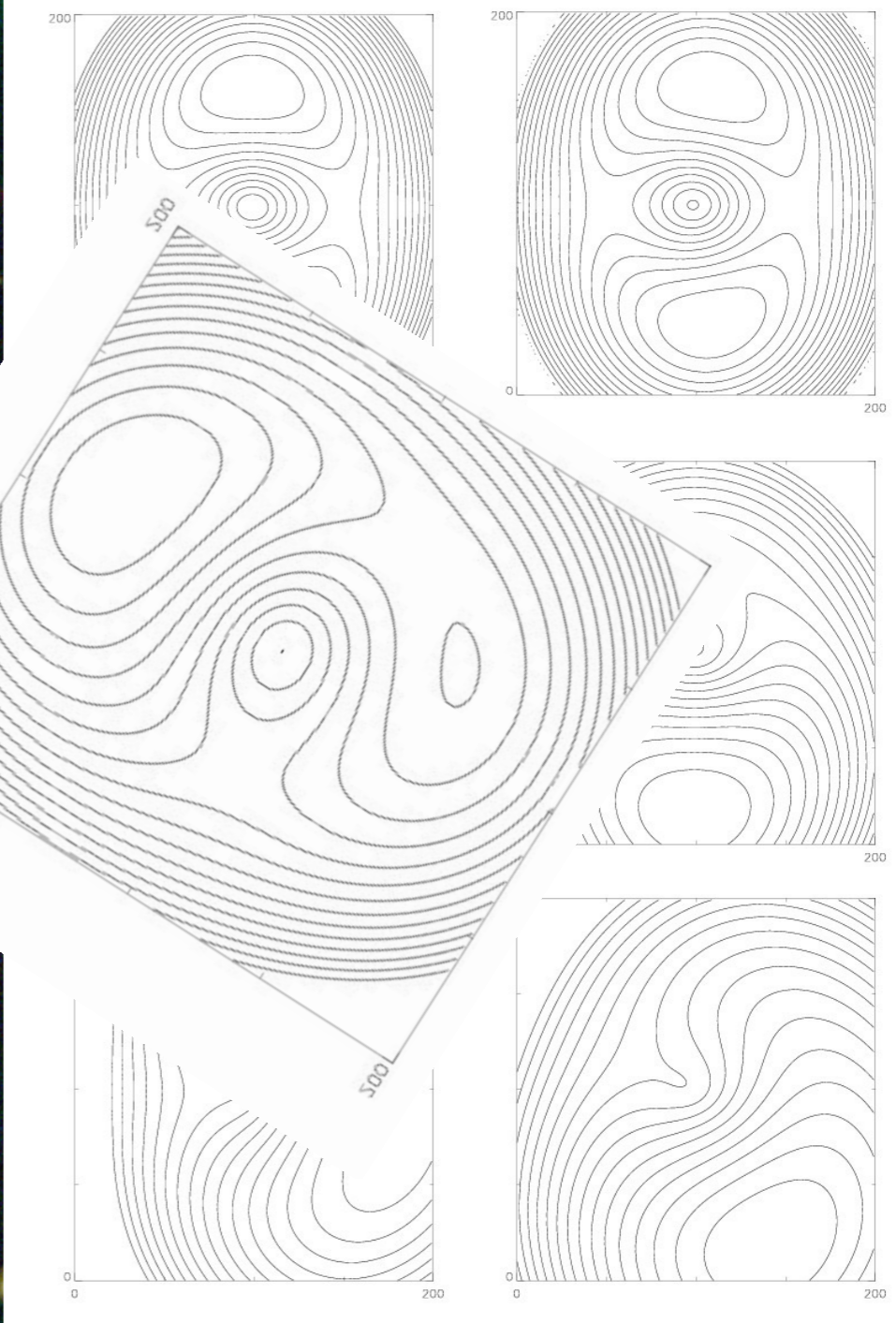
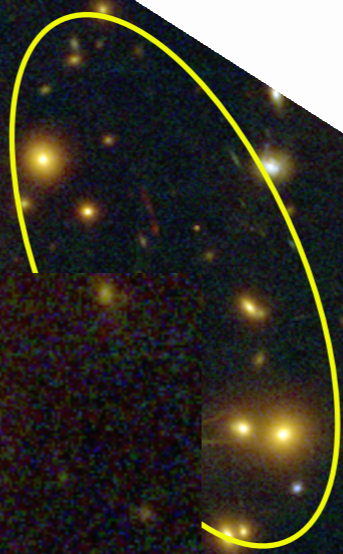
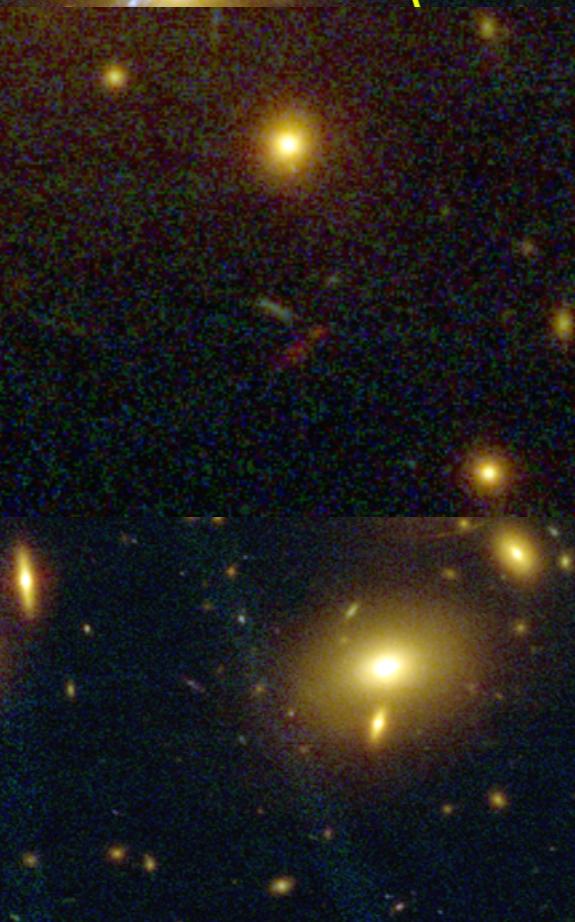
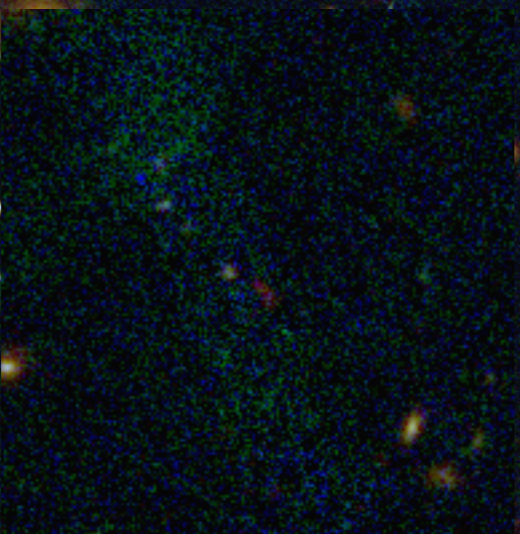
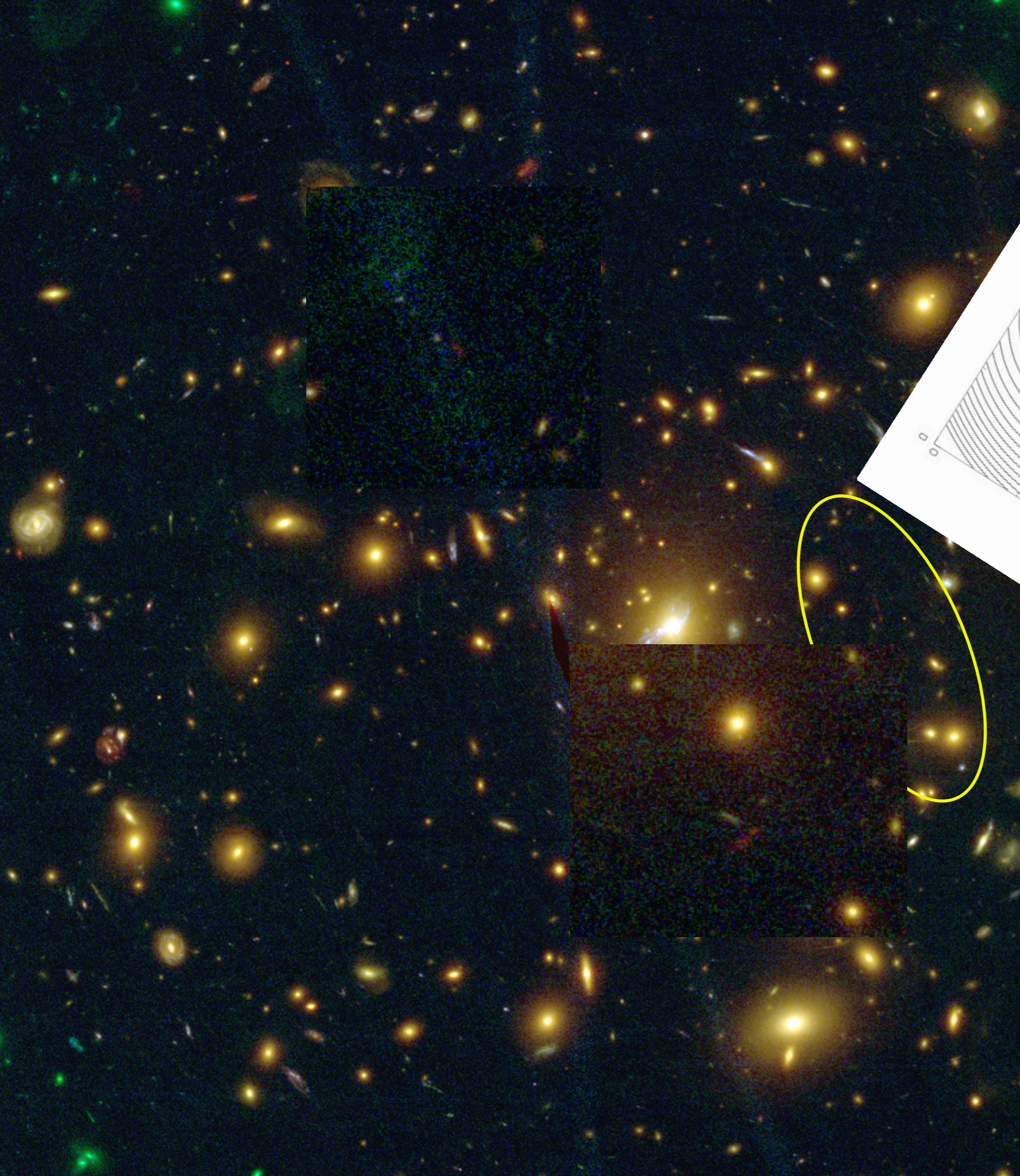






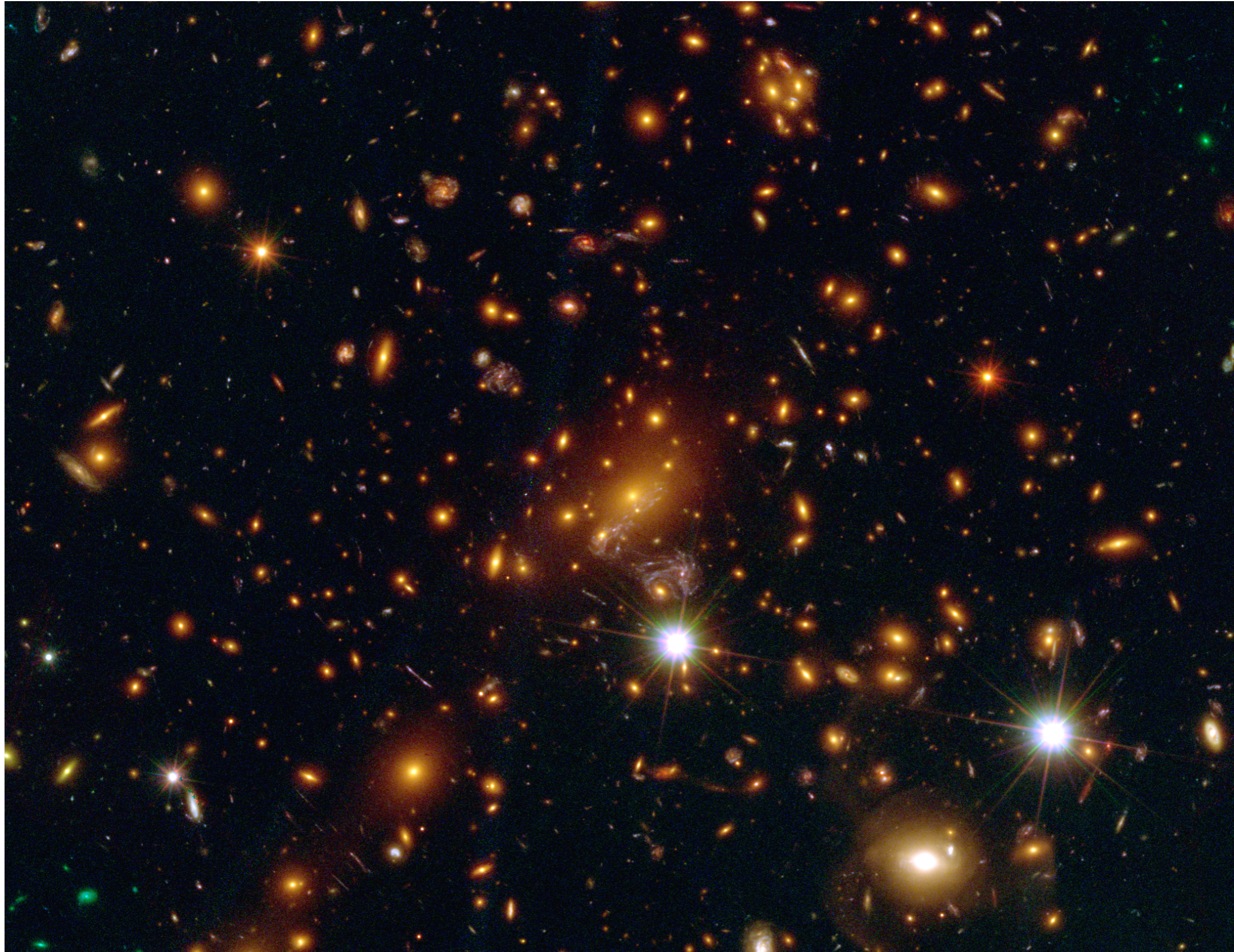






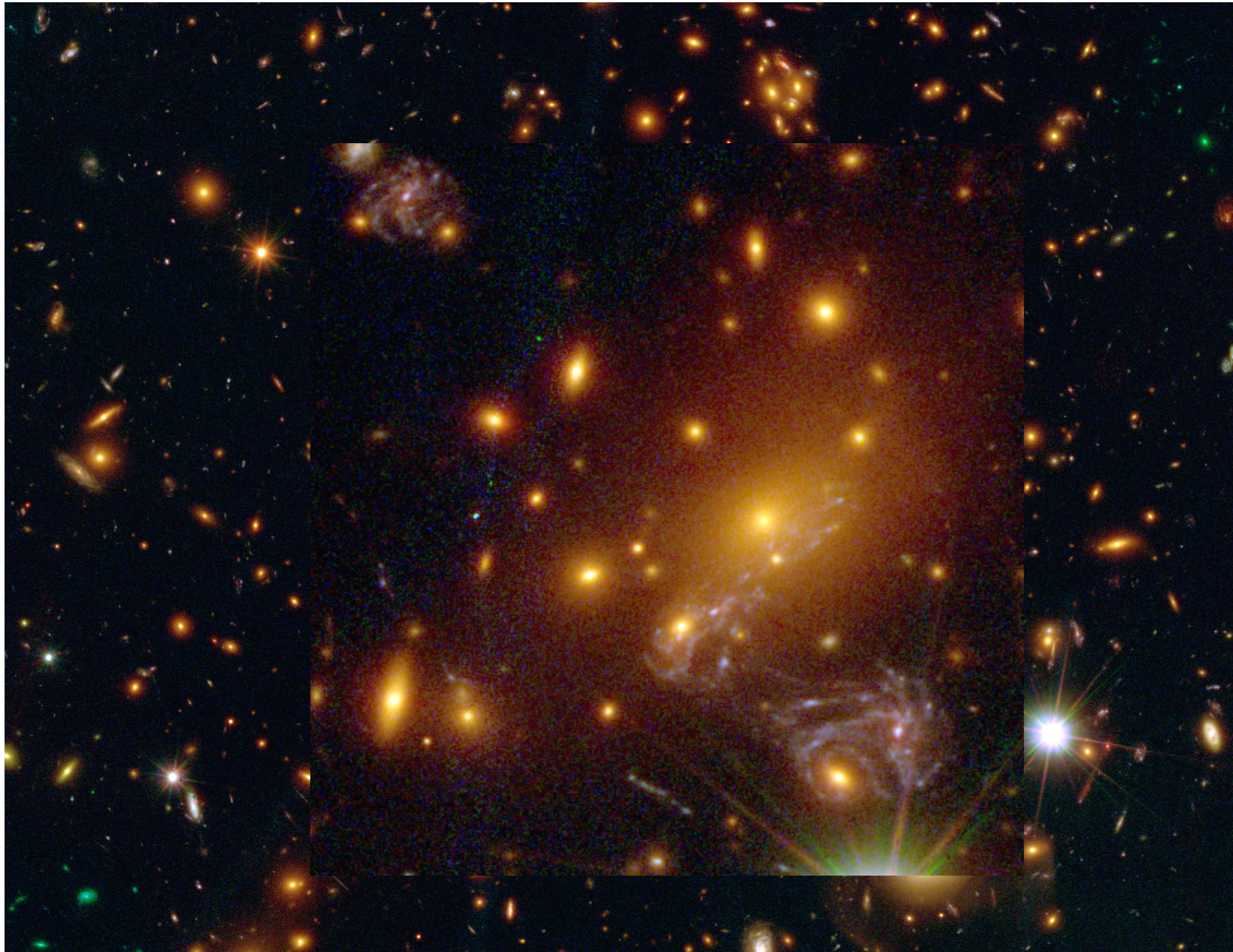
# SOMETHING STRANGE HAPPENS IN MACS 1149...

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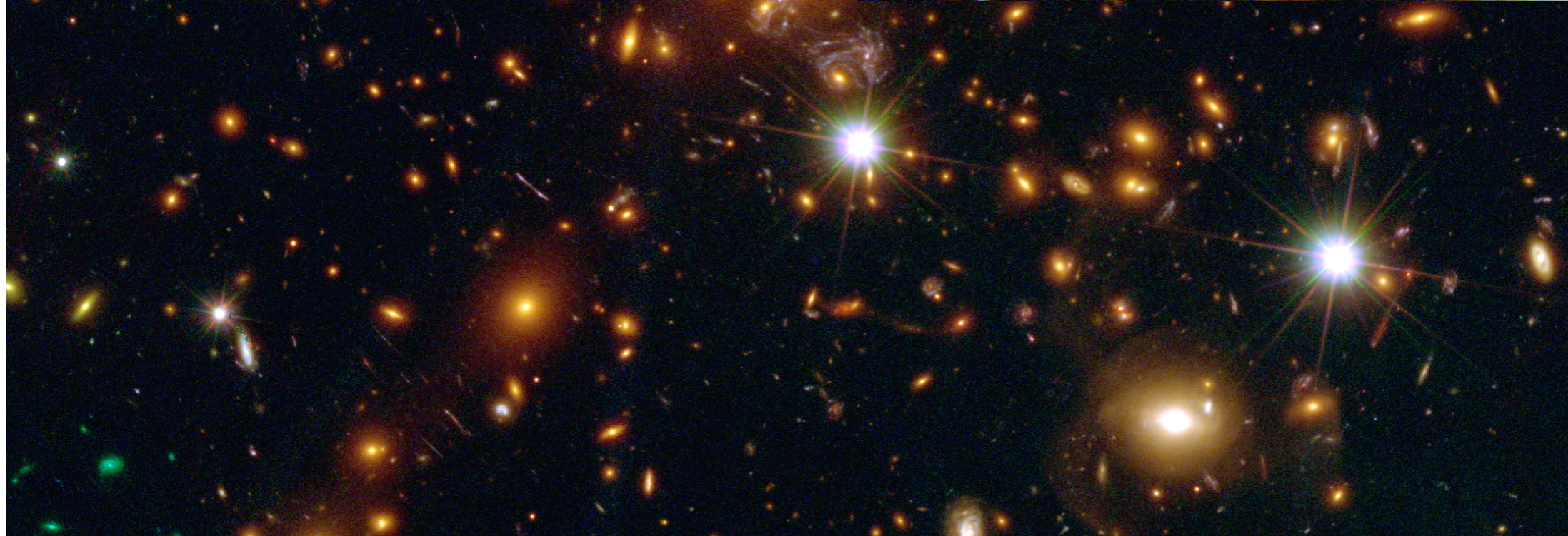
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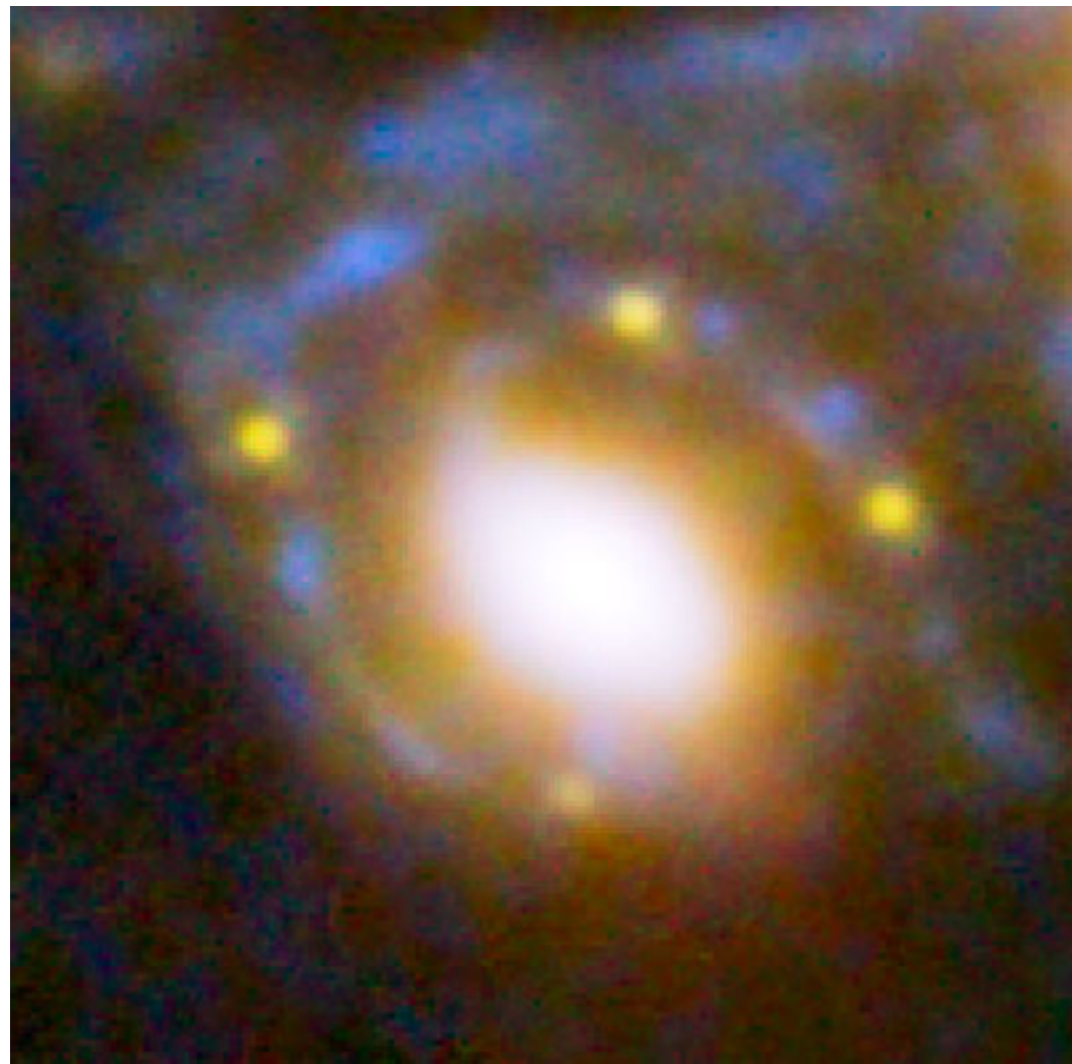
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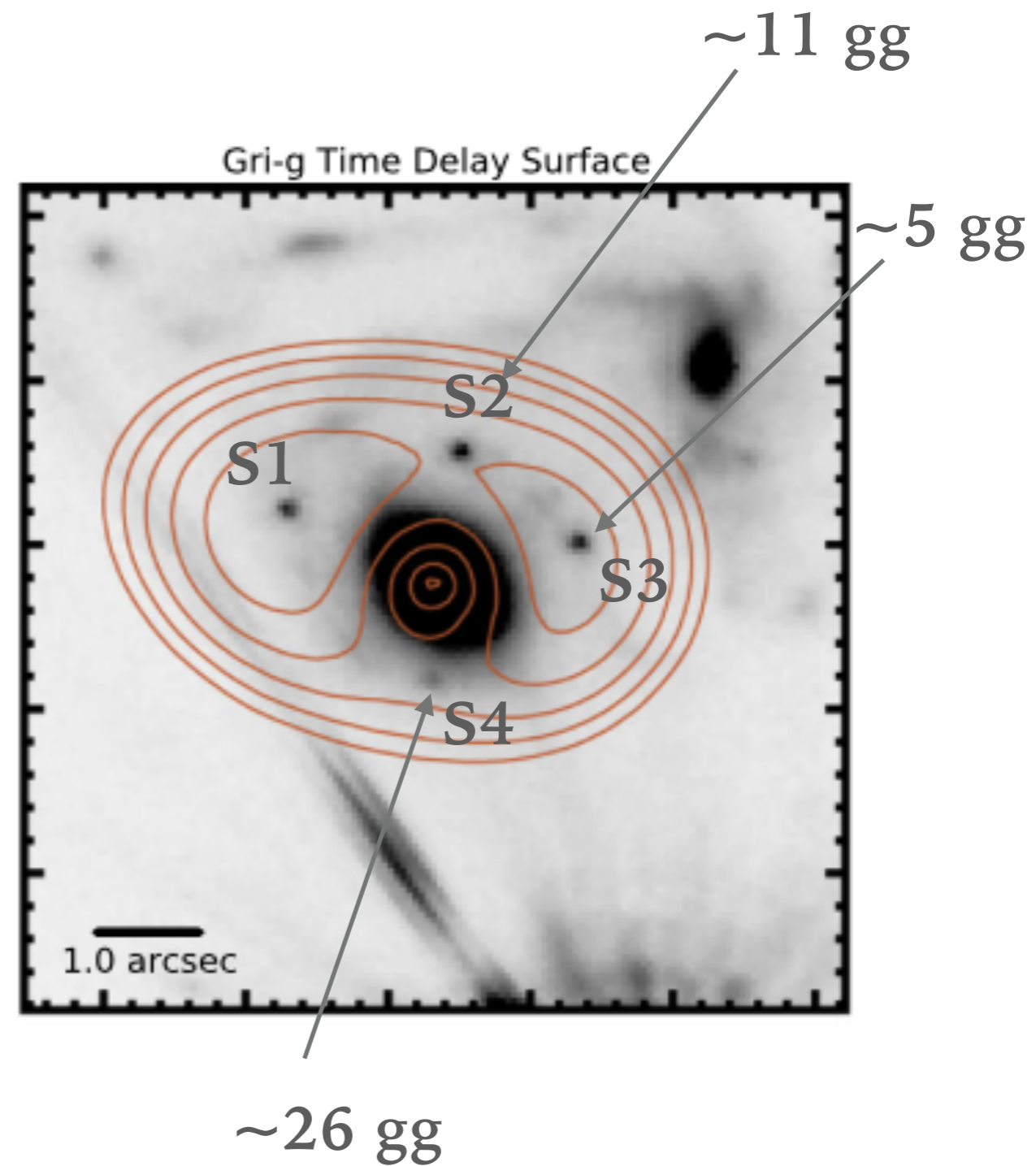
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*Nov. 2014 (Kelly et al.)*



*Grillo et al. 2015*





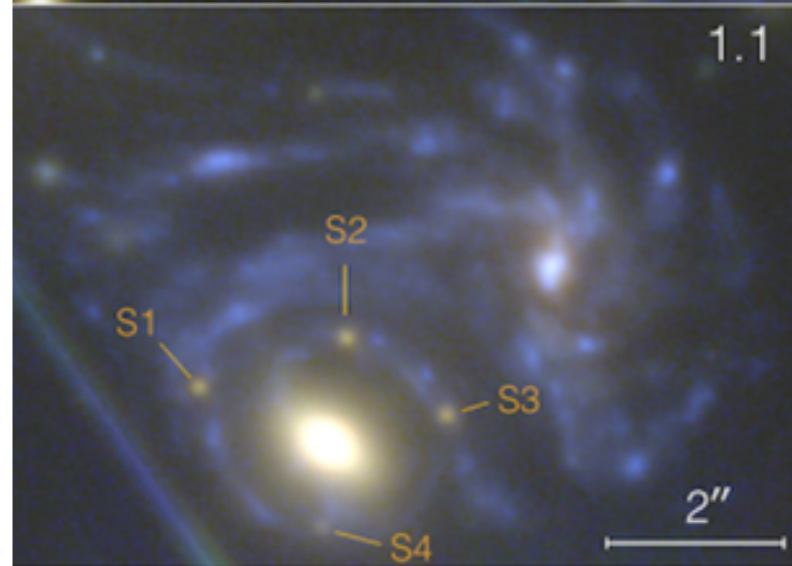
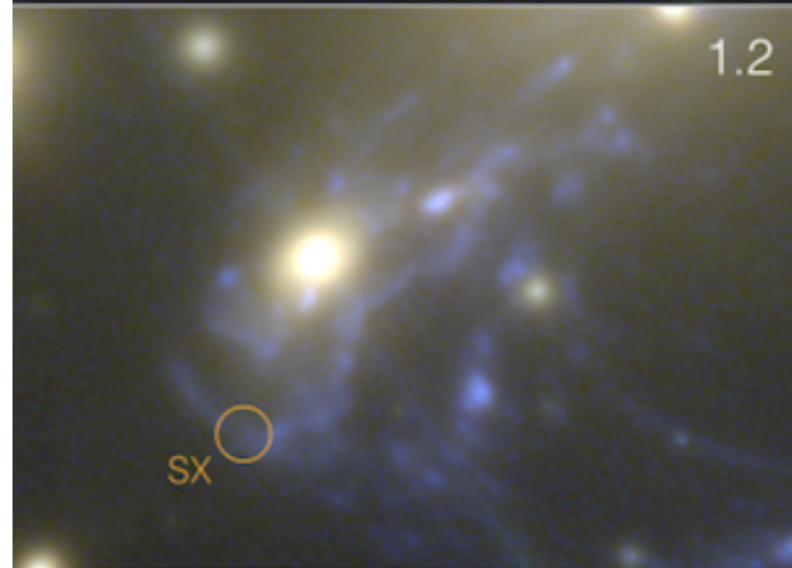
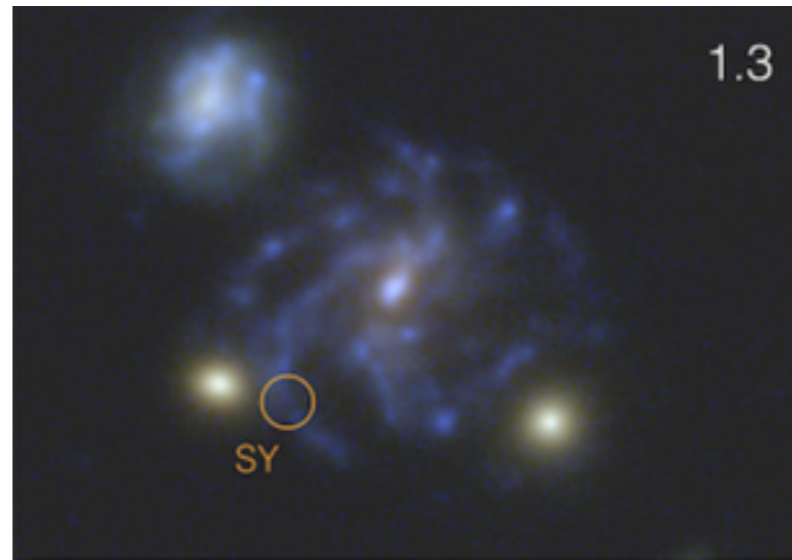
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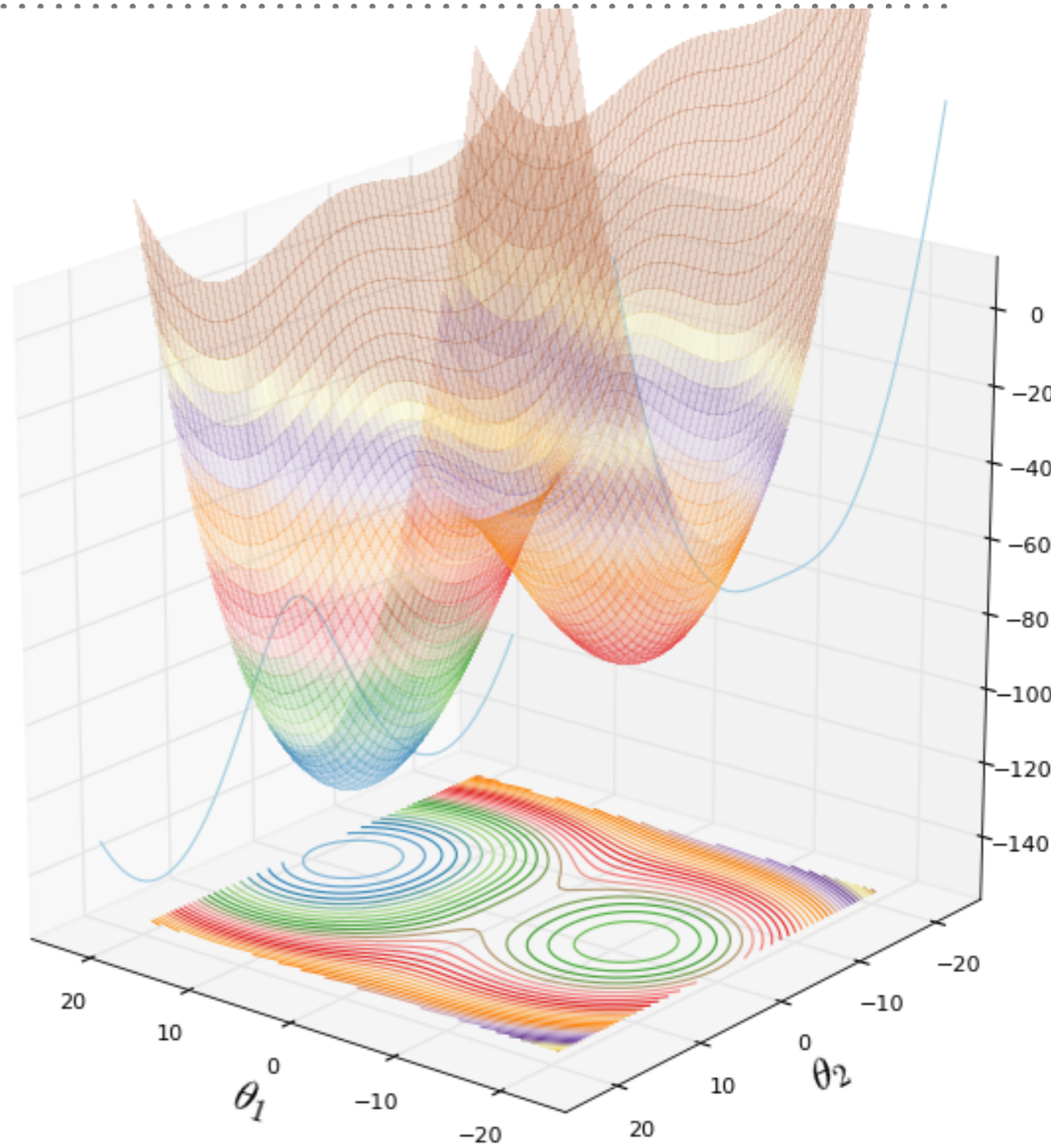
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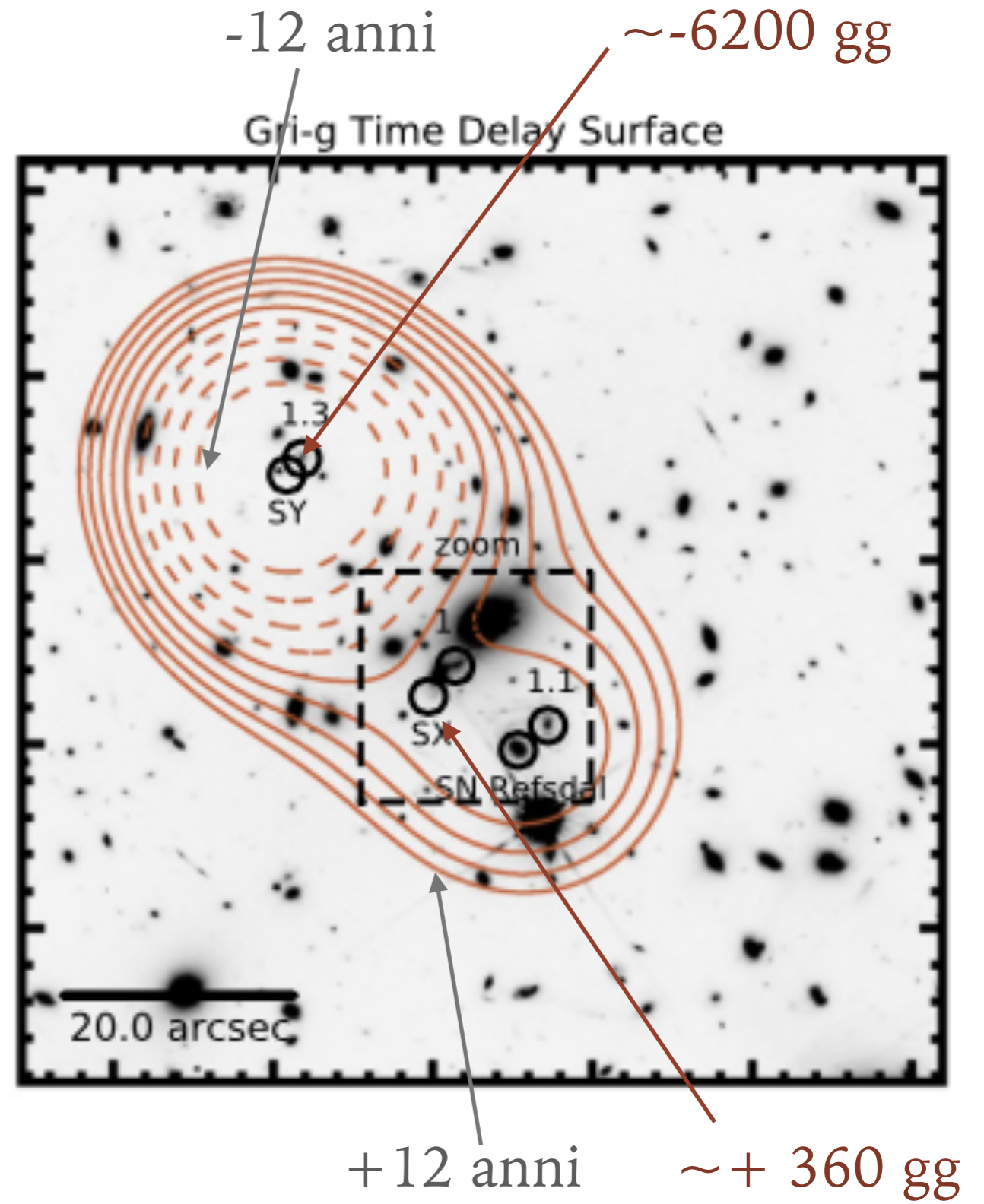
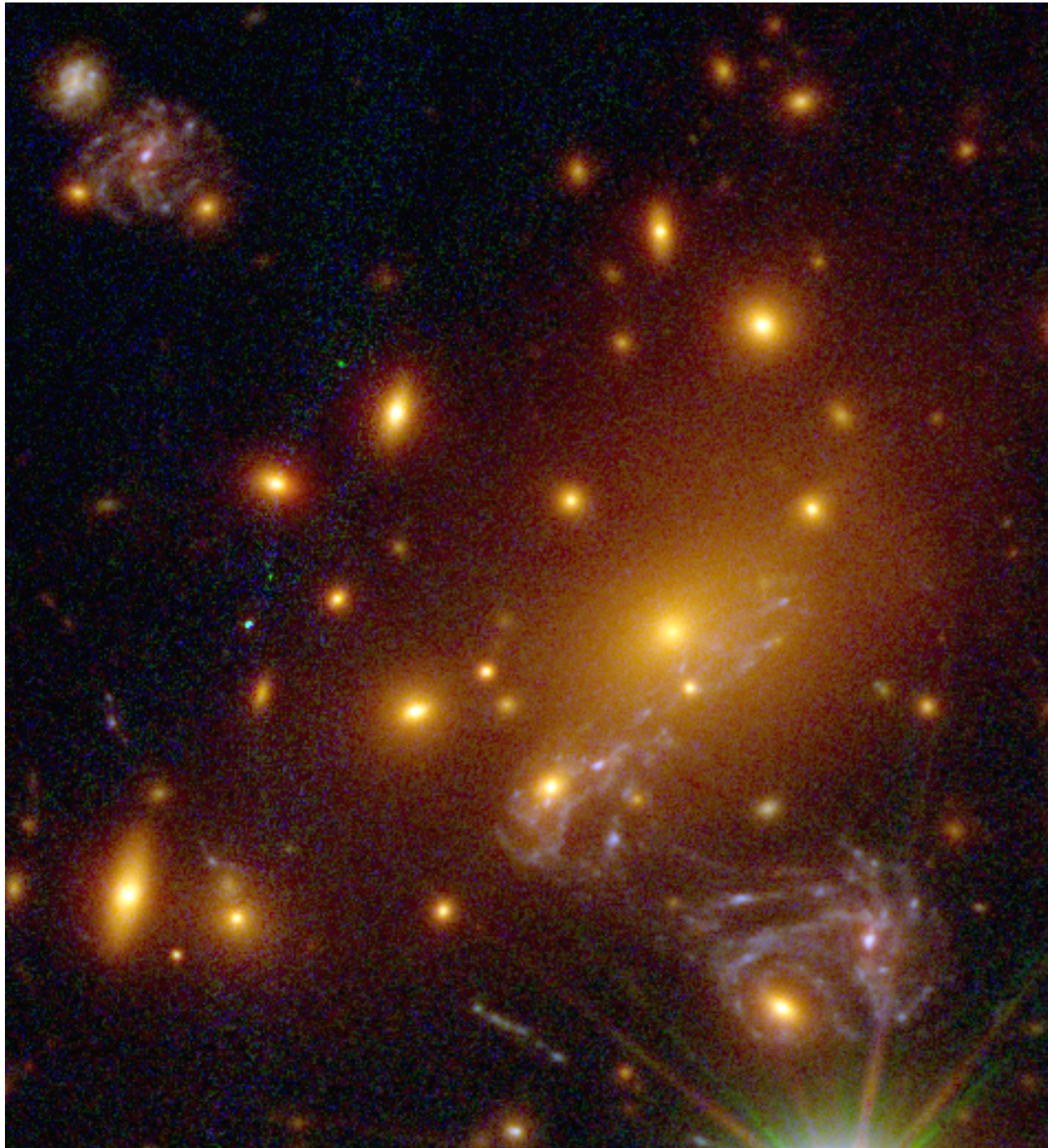


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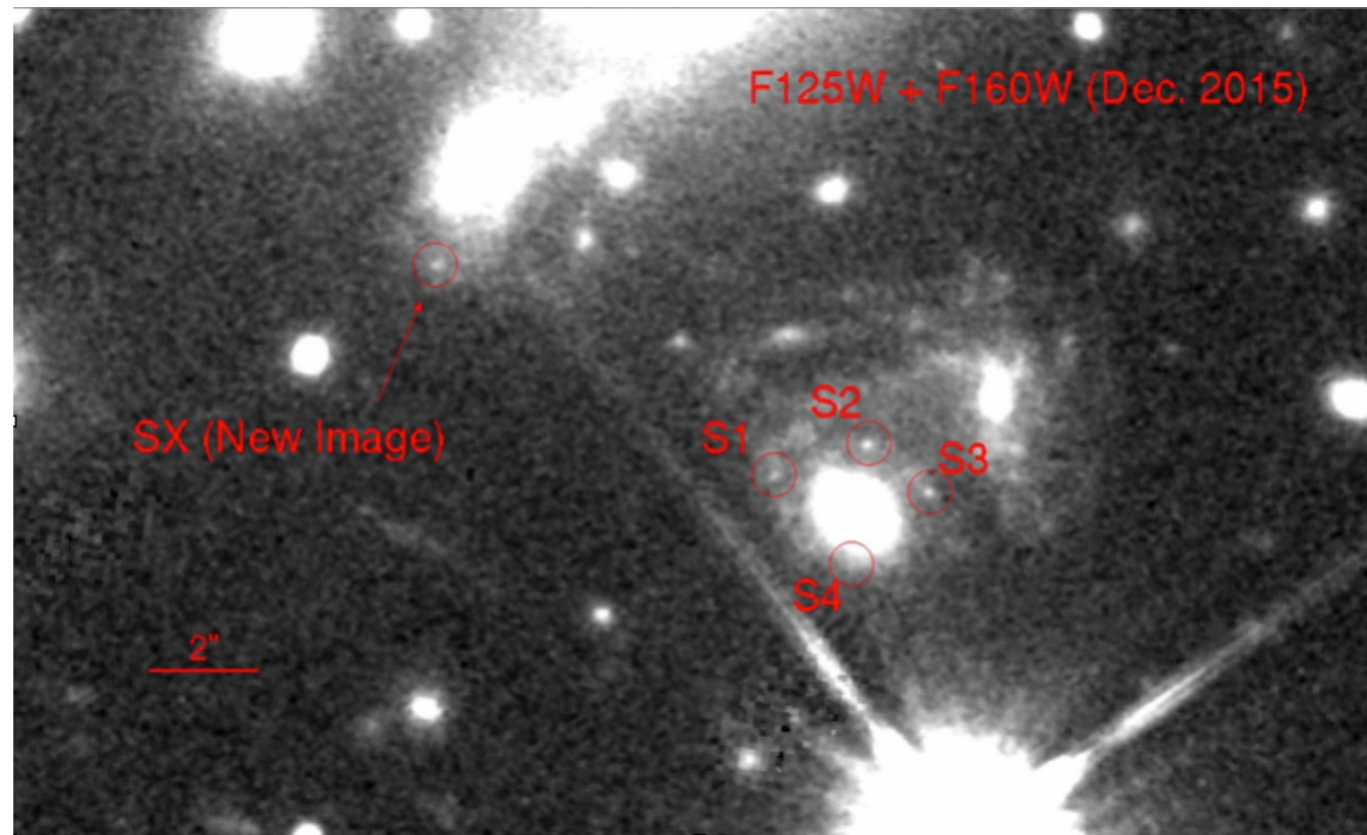


# SOMETHING STRANGE HAPPENS IN MACS 1149...



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16/12/2016...

