

# JWST+1



## JWST+1

A million miles above midnight

Dr Steve Barrett BASoc 19 Dec 2022

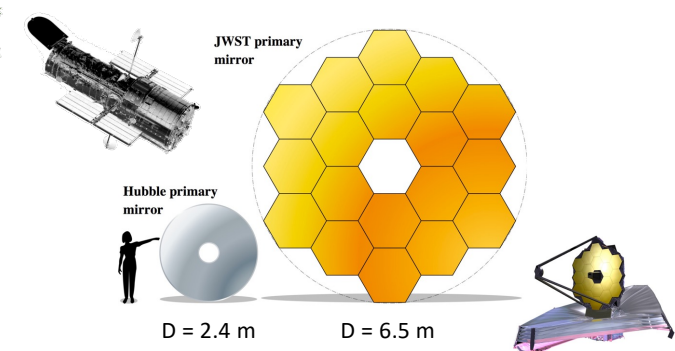
### JWST Launch



25 December 2021

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### HST and JWST Mirrors



JWST primary mirror

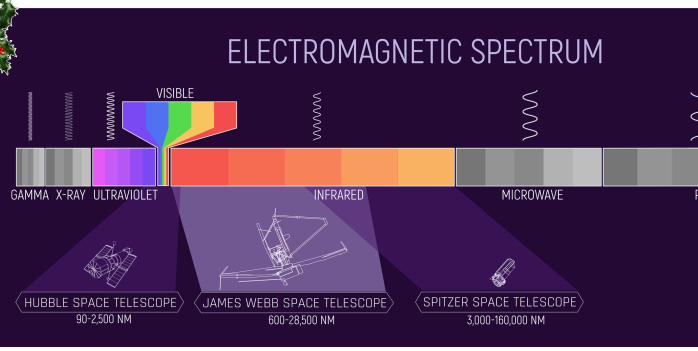
Hubble primary mirror

D = 2.4 m

D = 6.5 m

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### HST – JWST – SST



#### ELECTROMAGNETIC SPECTRUM

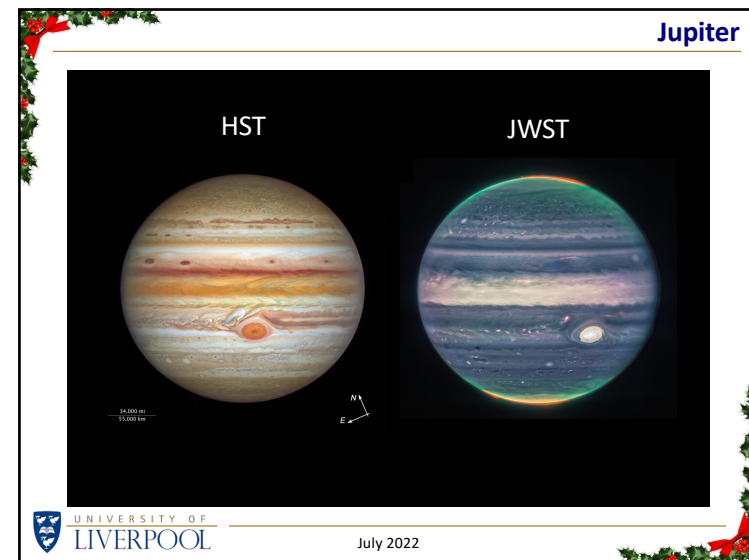
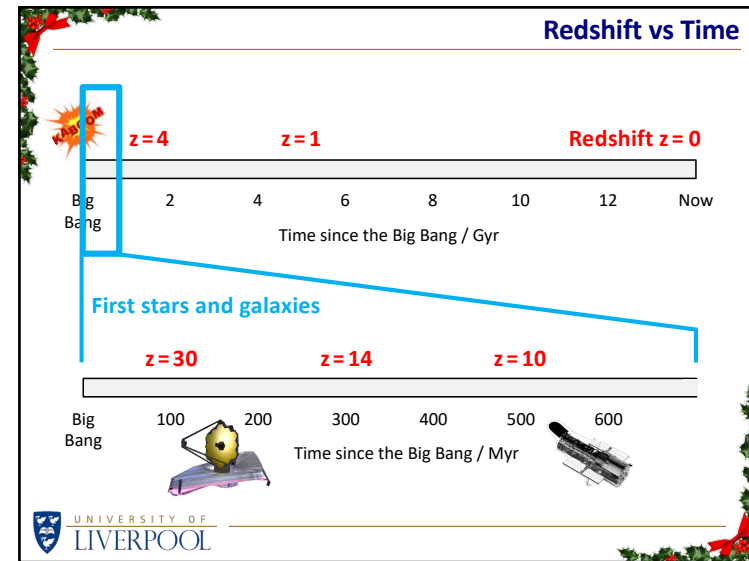
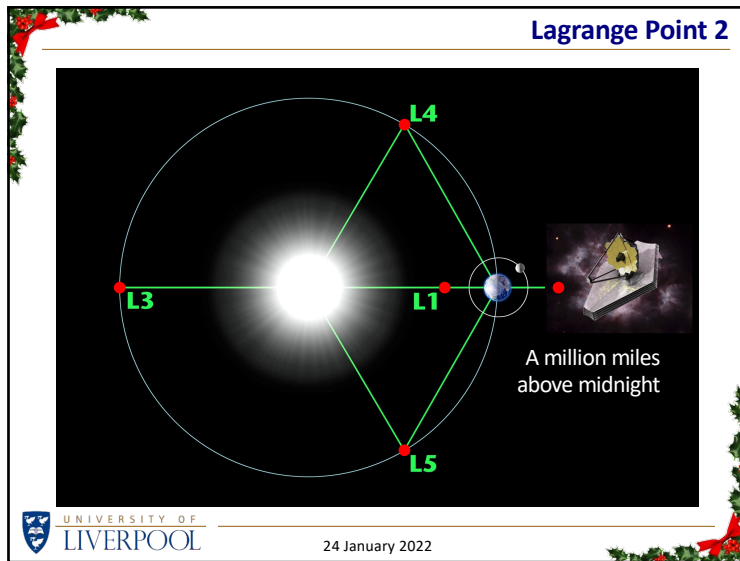
GAMMA X-RAY ULTRAVIOLET VISIBLE INFRARED MICROWAVE RADIO

HUBBLE SPACE TELESCOPE 90-2,500 NM

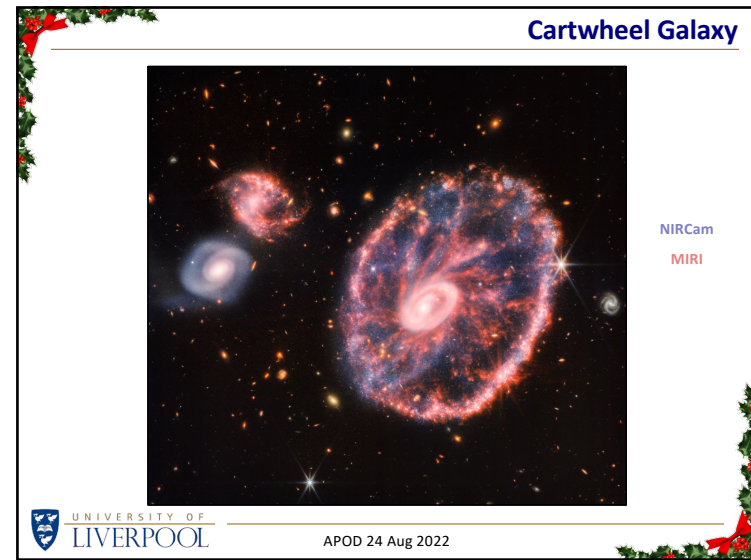
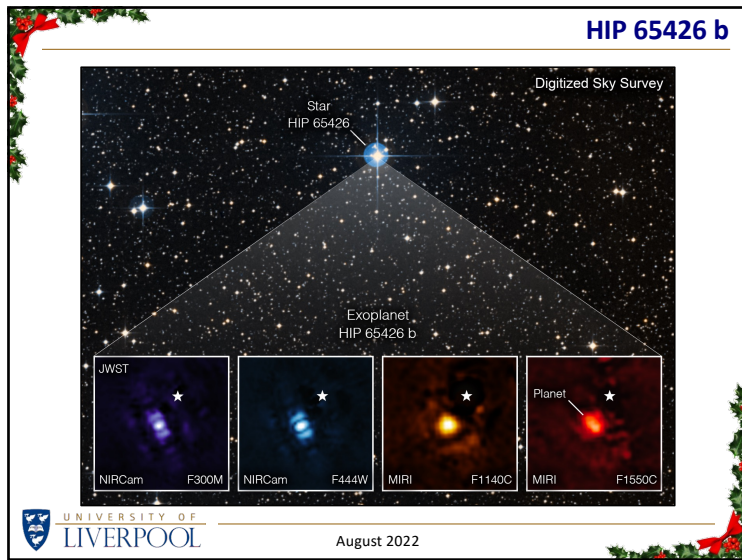
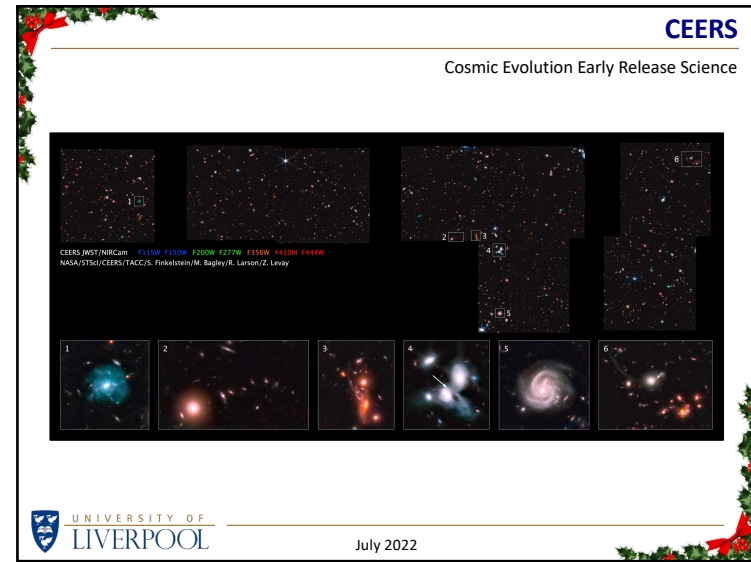
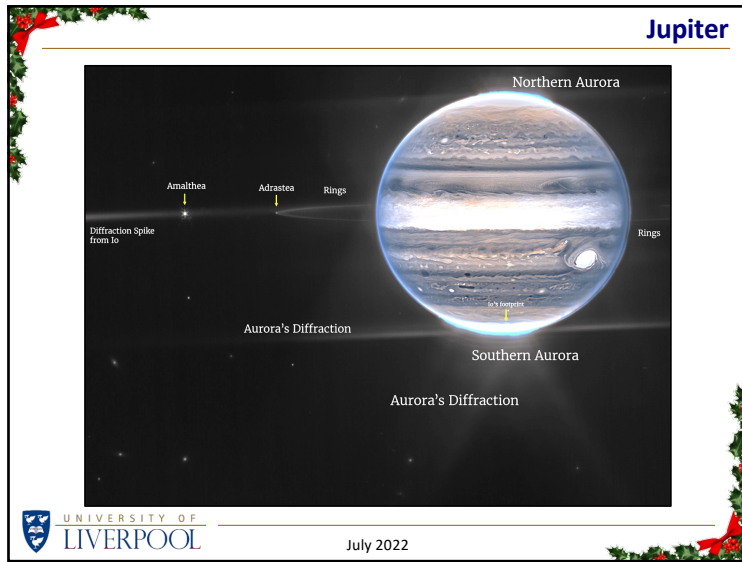
JAMES WEBB SPACE TELESCOPE 600-28,500 NM

SPITZER SPACE TELESCOPE 3,000-160,000 NM

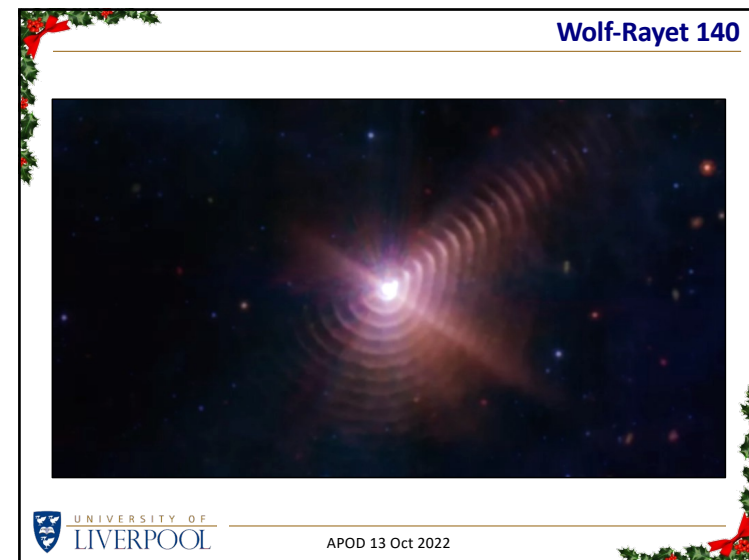
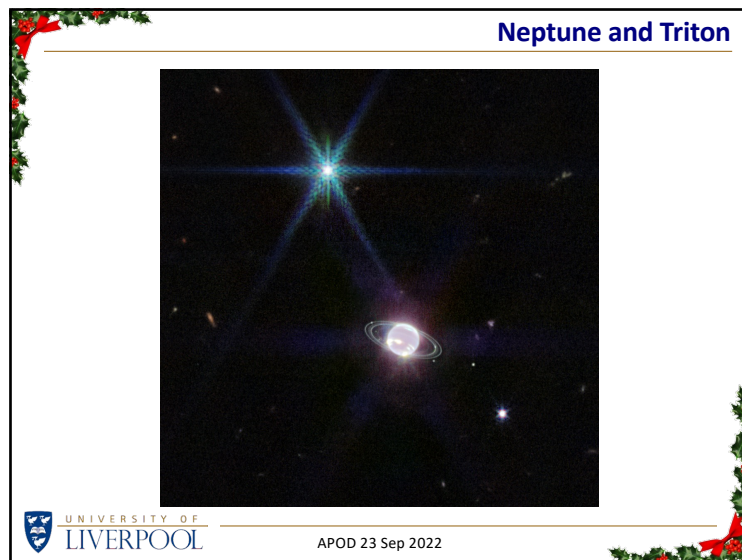
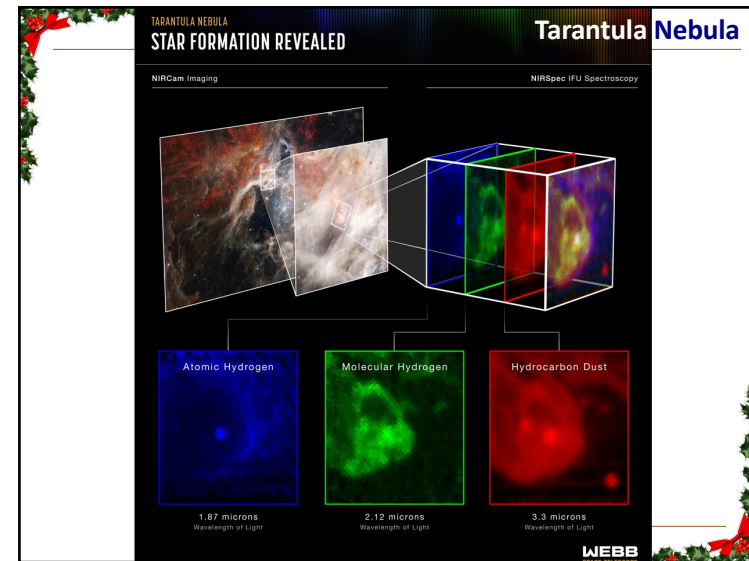
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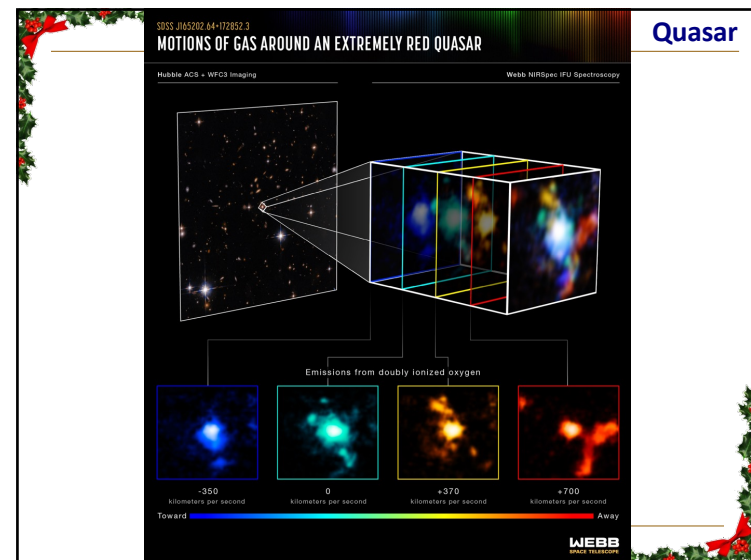
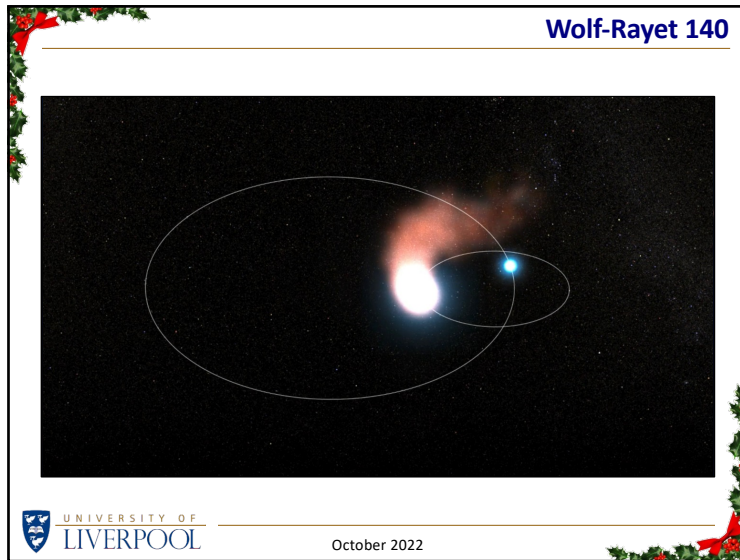
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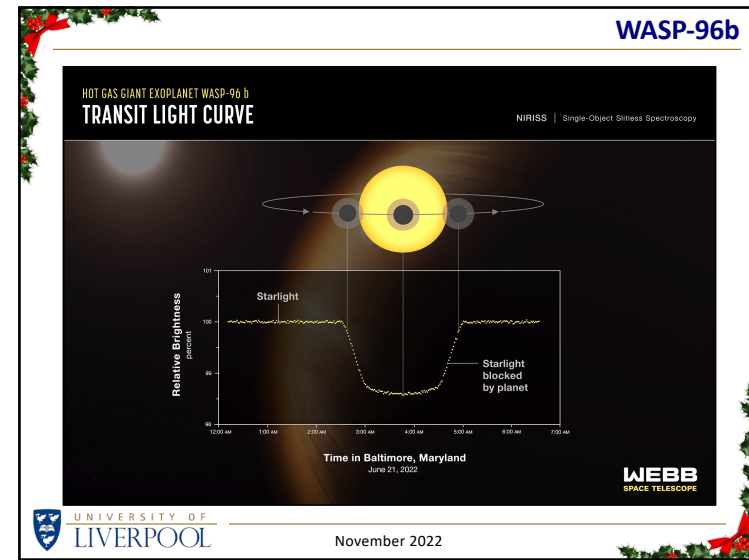
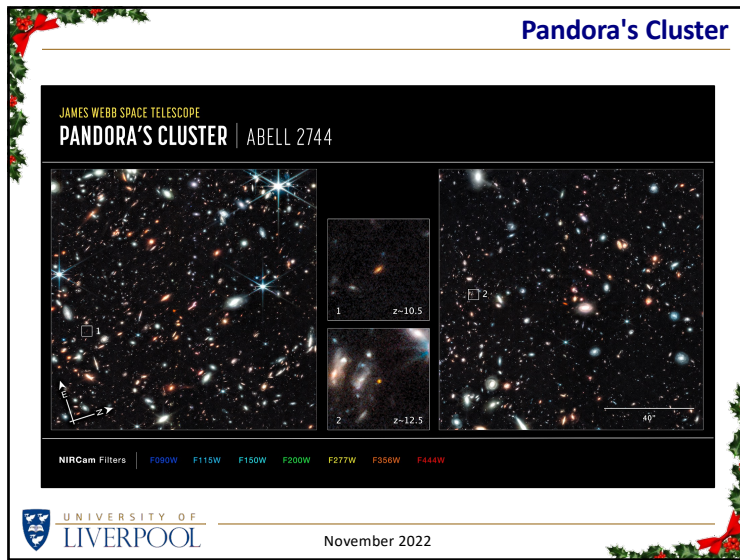
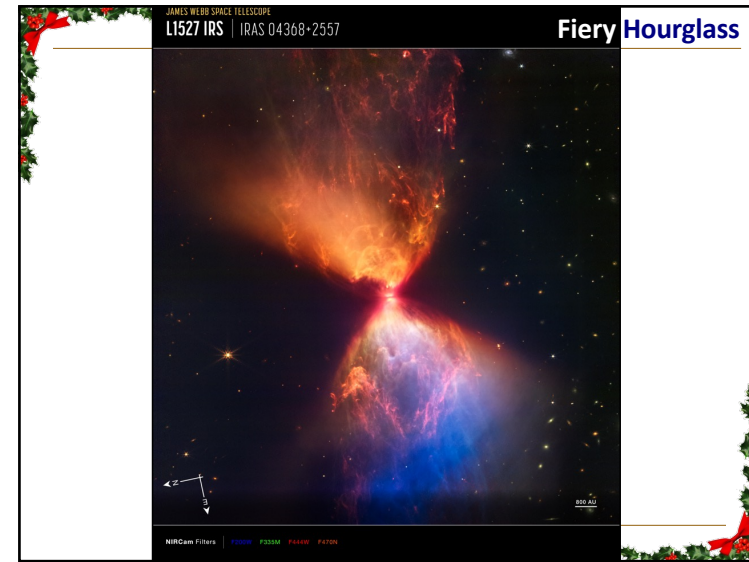






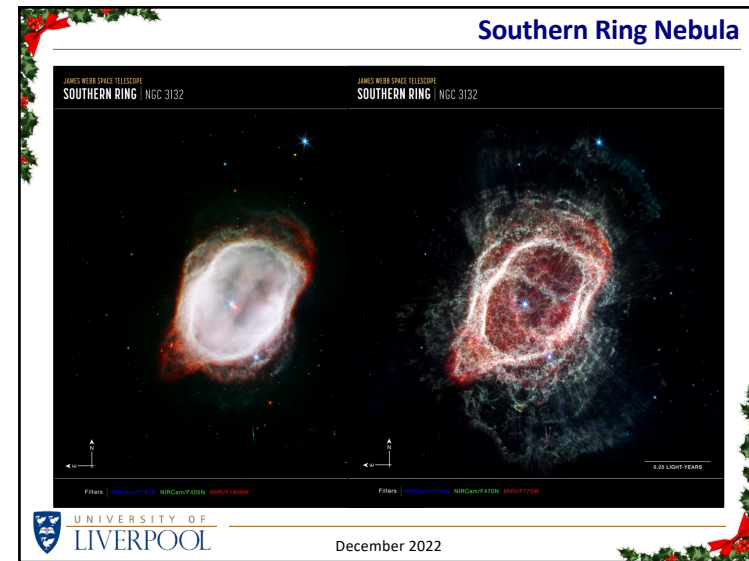
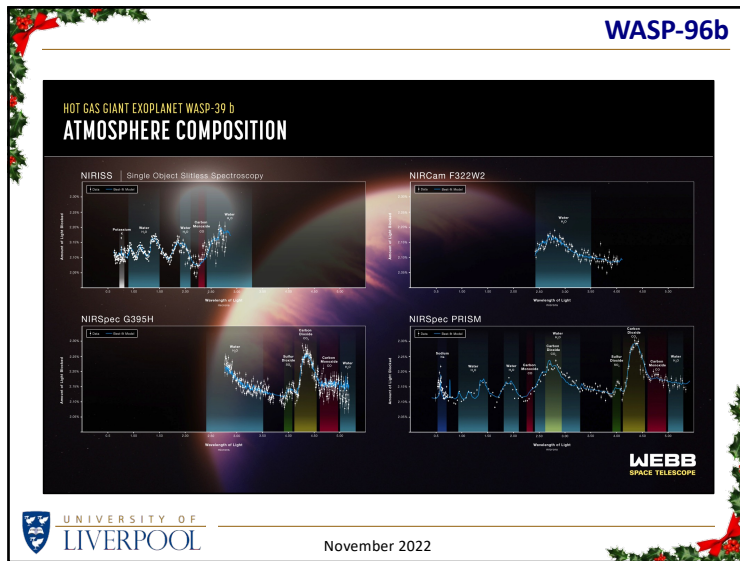








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[www.liverpool.ac.uk/~sdb/Talks](http://www.liverpool.ac.uk/~sdb/Talks)

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