

List of Topics with References

Topic 1: PTF/ZTF (contact: X. Wang)

<https://www.ptf.caltech.edu/ztf>

Topic 2: SkyMapper (contact: X. Wang)

<http://rsaa.anu.edu.au/observatories/telescopes/skymapper-telescope>

Topic 3: LCOGT/ASASSN (contact: X. Wang)

<https://lco.global/observatory/>

<http://www.astronomy.ohio-state.edu/asassn/index.shtml>

Topic 4: LSST (contact: S. Mao)

<http://www.lsst.org/lsst/>

Topic 5: PanSTARRS (contact: X. Wang)

<http://pswww.ifa.hawaii.edu/pswww/>

<https://panstarrs.stsci.edu/>

<https://en.wikipedia.org/wiki/Pan-STARRS>

Topic 6: Effelsberg, Green Bank and QTT (contact: J. Zhou)

<https://www.mpifr-bonn.mpg.de/en/effelsberg>

<https://public.nrao.edu/telescopes/gbt/>

<http://greenbankobservatory.org/>

<http://qtt.xao.cas.cn/>

Topic 7: Arecibo, and FAST (contact: C. Li; J. Zhou)

<http://outreach.naic.edu/ao/scientist-user-portal>

https://en.wikipedia.org/wiki/Arecibo_Observatory

<http://fast.bao.ac.cn/>

https://en.wikipedia.org/wiki/Five_hundred_meter_Aperture_Spherical_Telescope

<http://www.cas.cn/zt/kjzt/fast/>

Topic 8: SMA, CARMA, and Plateau de Bure/NOEMA (contact: X. Bai; J. Zhou)

<https://www.cfa.harvard.edu/sma/>

<http://www.astro.caltech.edu/research/carma/>

<http://www.iram-institute.org/EN/plateau-de-bure.php>

Topic 9: ALMA (contact: X. Bai; J. Zhou)

<http://www.eso.org/sci/facilities/alma.html>

<https://public.nrao.edu/telescopes/alma/>

Topic 10: VLA (contact: C. Li; J. Zhou)

<https://public.nrao.edu/telescopes/vla/>

Similar facilities:

MERLIN: <http://www.e-merlin.ac.uk/>
WRST: <http://www.e-merlin.ac.uk/>
ATCA: <https://www.narrabri.atnf.csiro.au/>

Topic 11: VLBA/EVN (contact: C. Li; J. Zhou)
<https://public.nrao.edu/telescopes/vlba/>
<https://www.lbo.us/>
<https://science.lbo.us/>
https://en.wikipedia.org/wiki/Very_Long_Baseline_Array
<http://www.evlbi.org/intro/intro.html>

Topic 12: space VLBI with RadioAstron (contact: J. Zhou)
<http://www.asc.rssi.ru/radioastron/>
<https://en.wikipedia.org/wiki/Spektr-R>

Topic 13: Event Horizon Telescope (contact: X. Bai; J. Zhou)
<http://eventhorizontelescope.org/>

Topic 14: GMRT (contact: J. Zhou)
<http://www.gmrt.ncra.tifr.res.in/>
https://en.wikipedia.org/wiki/Giant_Metrewave_Radio_Telescope

Topic 15: LWA/MWA (contact: J. Zhou)
<http://www.phys.unm.edu/~lwa/abouthome.html>
<http://www.mwatelescope.org/>

Topic 16: LOFAR (contact: J. Zhou)
<http://www.lofar.org/>

Topic 17: SKA (contact: Y. Mao)
<https://www.skatelescope.org/>

Topic 18: LHAASO (contact: W. Cui)
http://www.ihep.cas.cn/dkxzz/lhaaso/jsfa/201311/t20131115_3979334.html

Topic 19: HAWC (contact: W. Cui)
<https://www.hawc-observatory.org/>

Topic 20: VERITAS (contact: W. Cui)
<https://veritas.sao.arizona.edu/>
Also related: MAGIC, HESS

Topic 21: DAMPE (contact: S. Mao; W. Cui)
<http://dpnc.unige.ch/dampe/>

Topic 22: AMS (contact: W. Cui)
<http://www.ams02.org/>

Topic 23: Fermi (contact: X. Bai)

<https://fermi.gsfc.nasa.gov/>

Topic 24: SWIFT (contact: W. Cui; H. Feng)

https://www.nasa.gov/mission_pages/swift/main

Topic 25: Ice Cube (contact: X. Bai)

<http://icecube.wisc.edu/>

https://en.wikipedia.org/wiki/IceCube_Neutrino_Observatory

Topic 26: Chandra & XMM-Newton—Imaging & Imaging spectroscopy (contact: C. Li; H. Feng)

<http://chandra.harvard.edu/>

<http://sci.esa.int/xmm-newton/>

<https://www.cosmos.esa.int/web/xmm-newton>

Topic 27: Chandra & XMM-Newton—High-resolution spectroscopy (contact: C. Li; H. Feng)

<http://chandra.harvard.edu/>

<http://sci.esa.int/xmm-newton/>

<https://www.cosmos.esa.int/web/xmm-newton>

Topic 28: NuSTAR/HXMT (contact: H. Feng)

<http://www.ihep.cas.cn/dkxzz/hxmt/>

<https://www.nustar.caltech.edu/>

Topic 29: INTEGRAL (contact: H. Feng)

<http://sci.esa.int/integral/>

<https://en.wikipedia.org/wiki/INTEGRAL>

Topic 30: Hitomi/XRAM (contact: H. Feng)

http://global.jaxa.jp/projects/sat/astro_h/

[https://en.wikipedia.org/wiki/Hitomi_\(satellite\)](https://en.wikipedia.org/wiki/Hitomi_(satellite))

<https://heasarc.gsfc.nasa.gov/docs/xarm/>

https://en.wikipedia.org/wiki/X-ray_Astronomy_Recovery_Mission

Topic 31: RXTE/MAXI/Einstein Probe (contact: H. Feng)

<https://heasarc.gsfc.nasa.gov/docs/xte/XTE.html>

https://www.nasa.gov/mission_pages/station/research/experiments/603.html

<http://hea.bao.ac.cn/ep/>

<http://engine.scichina.com/publisher/scp/journal/SSPMA/48/3/10.1360/SSPMA2018-00002?slug=full%20text>

Topic 32: IXPE/eXTP (contact: H. Feng)

<http://www.isdc.unige.ch/extp/>

<https://wwwastro.msfc.nasa.gov/ixpe/about/index.html>

Topic 33: ATHENA (contact: H. Feng)

<http://www.the-athena-x-ray-observatory.eu/>

https://en.wikipedia.org/wiki/Advanced_Telescope_for_High_Energy_Astrophysics

Topic 34: CALET (contact: W. Cui)

<http://calet.phys.lsu.edu/>