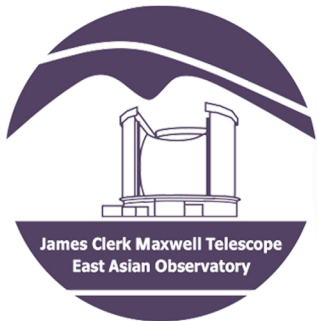


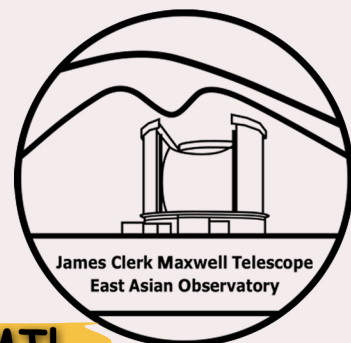
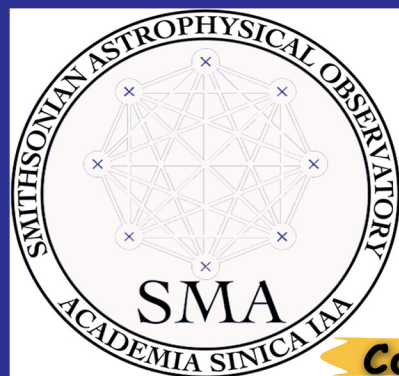


Pōwehi



Activity Worksheet for Young Scientists

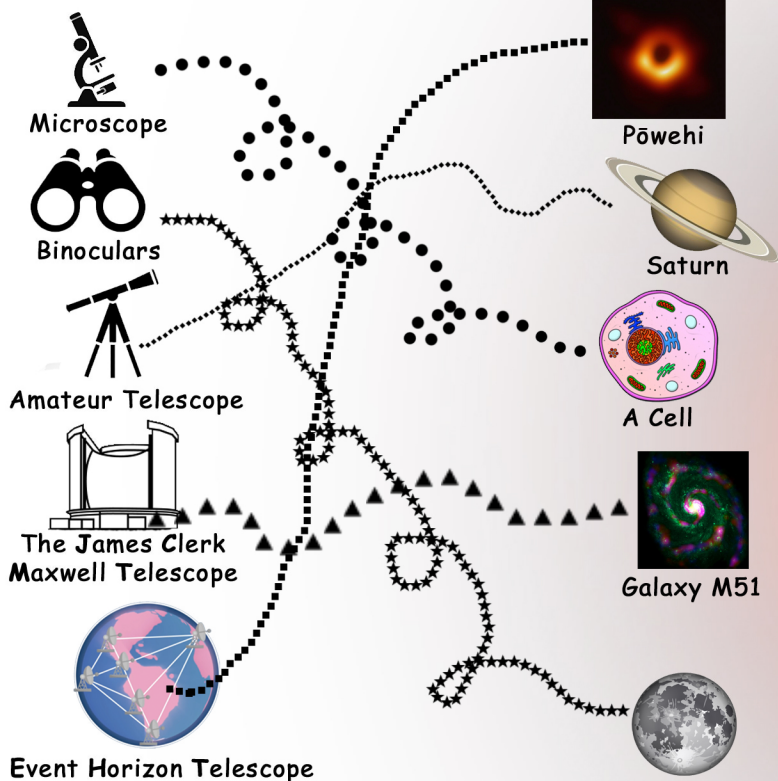
EHT



Color in the SMA, Pōwehi, EHT, and JCMT!



Follow the dashed lines to
Get A Closer Look



Pōwehi Fun Facts!

1. Pōwehi was the very first image of a black hole ever taken!
2. It took 8 telescopes around the world looking at Pōwehi at the same time to get the picture!
3. Pōwehi means "Embellished dark source of unending creation" in the Hawaiian language.
4. Gravity from black holes is so strong that not even light can escape. Some objects that get too close to black holes stretch out to thin strips, and astronomers call it "Spaghettification"!



Pōwehi Word Search

SPAGHETTIFICATIONMIU
RBJYBKACCRETIONTPCIH
YEXRSAGIZCJSSYKOHOOO
JHLDTBVXVZDCXGKVGPR
DLPASUGRFBNHURFYADRI
NODSTWOOMMNRKRIKFFXZ
JBQMUIVRADIATIONDSFO
HCFHSPVJOGRAVITYIBWN
PGJIMCEIFEICRKWIFIMQ
COBBEJZRTWTVDP L SBZRI
LPWPMPLDMYCRBXPZPKOK
YMNELoANHAMSTCRFDAQU
TSXAHKIZPCSLPDWCUARY
RBGLTIFWKRD SAULMQZD
JFXVWJVBJEQKIXCRNEAS
TAYLSCETZZPDKVYEKBOR
JAOMLDNVJLBKUENTONK
EZUYDECSZYQMHELQUIVK
TJIGIVSINGULARITYTME
SCLOEVENTDXVESUIXWEE

Unscramble the words to learn the
locations of sites involved in the
Event Horizon Telescope Collaboration.

HIAAIW
AAOZINR
EICHL
IAPNS
CIOEXM
HUOTS LEOP
RENNADEG

Sharpen your
math skills
here!



spaghettification	supermassive	singularity	relativity
radiation	spacetime	accretion	gravity
horizon	pōwehi	event	jets