

WorldWide Telescope & its Ambassadors

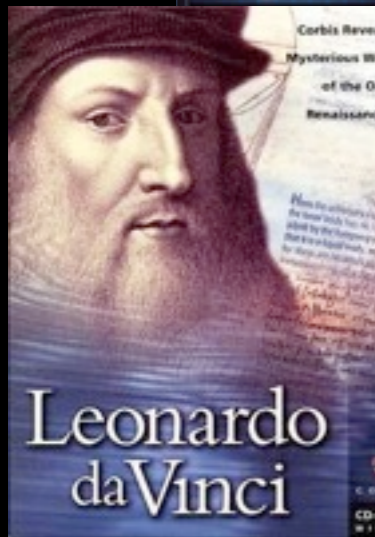
WorldWide Telescope Ambassadors

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Spring 2012 Update
Submitted by patudom on May. 9

WWT Ambassadors have had a busy and productive spring! We demo'd WWT at the [USA Science and Engineering Festival](#) and two local science festival events in Cambridge to engaged and enthusiastic crowds of close to 2000 people. The most common refrain we heard was, "Really? I can download this at home for free?" Ambassadors continue to be impressed by the astute questions and observations made by children who are given the opportunity to explore our universe for the first time. "Why is Pluto's orbit so out of whack from all the other planets?" "Why does Jupiter have so many more moons than other planets?" "How long would it take for us to travel far enough outside the Milky Way to take a picture of it?"

wwtambassadors.org



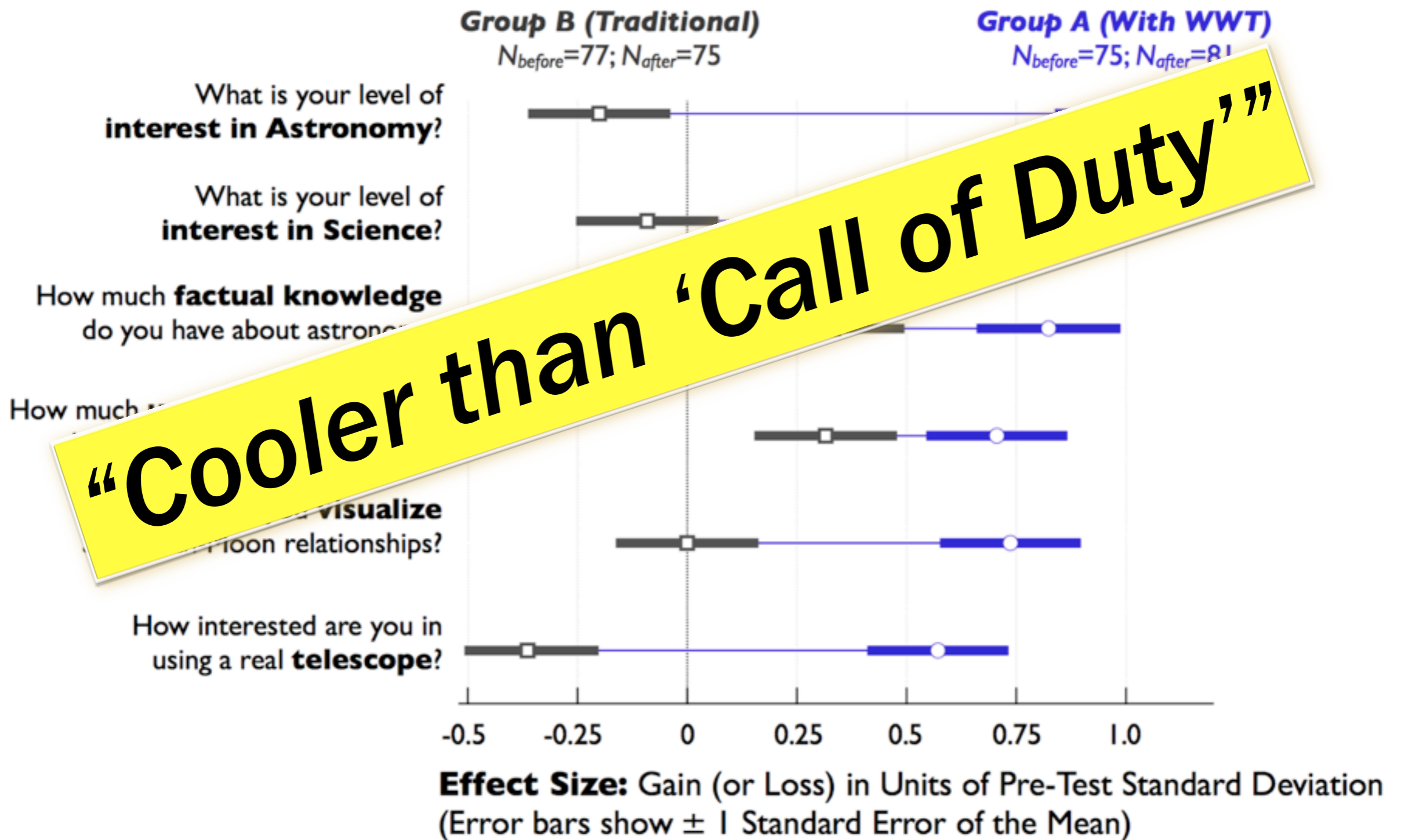
Curtis Wong & Jonathan Fay
Microsoft Research



Alyssa Goodman & Patricia Udomprasert
Harvard-Smithsonian Center for Astrophysics

Gains in Student Interest and Understanding

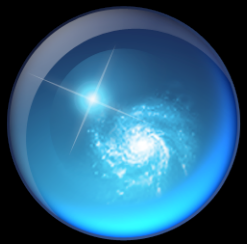
(“Traditional Way” vs “WWT Way”)







Experience WWT at worldwidetelescope.org



Microsoft® Research WorldWide Telescope

Experience WWT at worldwidetelescope.org

The screenshot displays the WWT interface with a top navigation bar containing 'Explore', 'Guided Tours', 'Search', 'View', and 'Settings'. Below this is a 'Collections > All-Sky Surveys >' section with thumbnails for 'Digitized Sky Survey', 'VLSS: VLA Low-frequency Sky Survey', 'WMAP ILC 5-Year Cosmic Microwave Background', 'SFD Dust Map (Infrared)', 'IRIS: Improved Resolution', '2MASS: Two Micron All Sky Survey', and 'Hydrogen Alpha Filter'. The main view shows a 3D rendering of the Andromeda galaxy with a 'Finder Scope' overlay. The Finder Scope provides details for NGC 224, including its classification as a 'Spiral Galaxy in Andromeda', RA (00h42m42s), Dec (41:16:00), and other astronomical data. A 'Context bar' at the bottom shows thumbnails for 'NGC 221' and 'M31'. A 'Context globe' on the right shows the current field of view on a celestial sphere. A 'Look At' panel on the left allows switching between 'Sky' and 'Andromeda' views. A 'Research' panel at the bottom provides image credits and links to external resources.

Seamlessly explore imagery from the best ground and space-based telescopes in the world

Expert led tours of the Universe

Control time to study how the night sky changes

View and compare images from across the electromagnetic spectrum

Much more than "just" the sky at night! 3D features can take you to other planets, stars & galaxies.

Finder Scope links to Wikipedia, publications, and data, so you can learn more

Context bar shows items of interest in current field of view

Context globe shows where you're looking.



Galileo Galilei

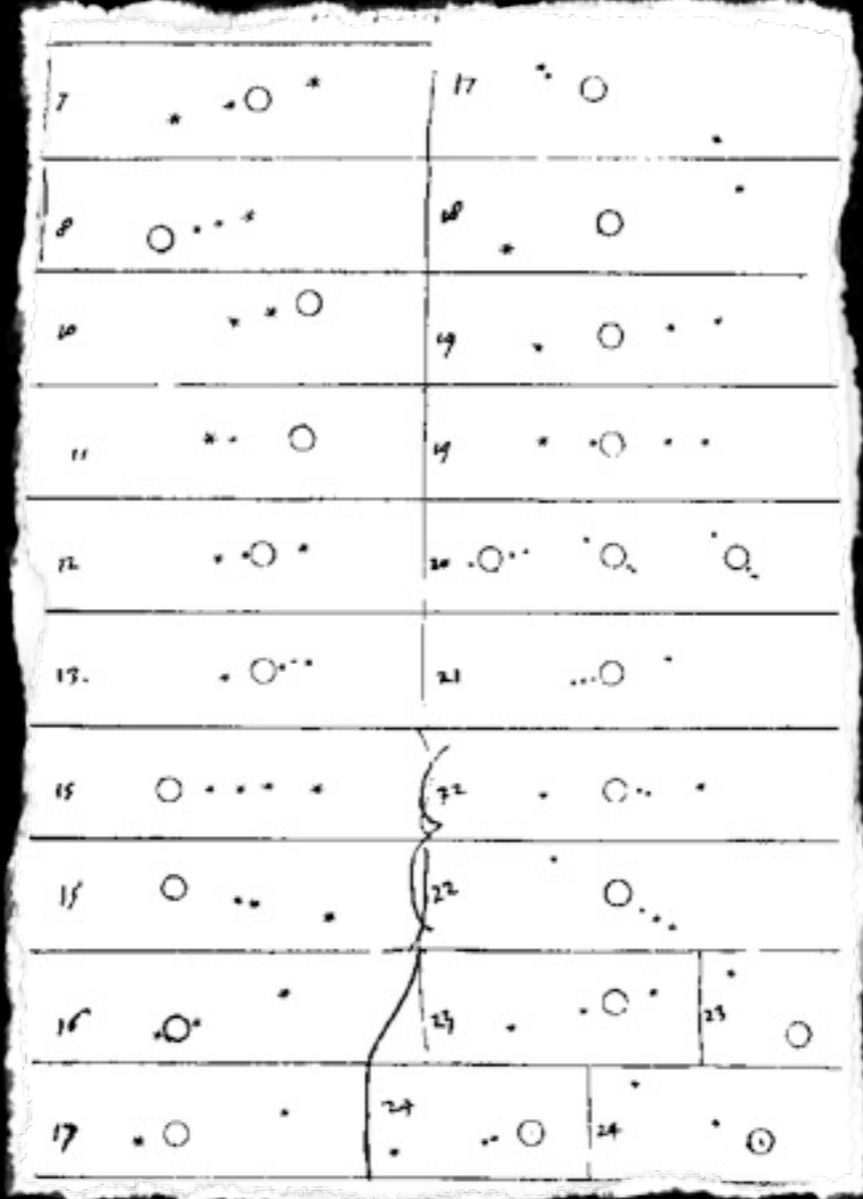
(1564-1642)

Sc. Principe.

Galileo Galilei, Familiare. Seruo della Ser. V. inuigilante
 do amittuano, et lo ogni spirito fa bere no solo satisfaco
 aluano che non della stessa di Madonaticò nelle sue
 Dio di Padova,

Inuere diuote determinate di presentare al Sc. Principe
 l'ordine et il governo di giuramento inestimabile di ogni
 negozio et in terra marittima o terrestre stano di tenere per
 sto nuovo artificio ne l'ingegno segreto et solano a disposizione
 di o' viri. L'ordine sanato dalle più re d'ite speculazioni di
 propri, pettina in l'quantaggio di scoprire Logici et Vole dell' inimici
 di Vali ore et più di tempo prima di ogni scuspra noi et distinguendo
 il numero et la qualità dei Vasselli guidare le sue forze
 ballastori alla caccia al combattimento o alla fuga, o pure anzi
 nella campagna aperta di uere et particolarmente distinguere ogni suo
 into et presentamento.

Feb 7 di gennaio
 Giove si uide a 7
 Feb 8 a 8
 Feb 10 a 10
 Feb 11 a 11
 Feb 12 a 12
 Feb 13 a 13
 Feb 14 a 14
 Feb 15 a 15
 Feb 16 a 16
 Feb 17 a 17



SIDERIUS NUNCIUS

On the third, at the seventh hour, the stars were arranged in this
 quence. The eastern one was 1 minute, 30 seconds from Jupiter
 closest western one 2 minutes; and the other western one wa

ast * ○ * * West

o minutes removed from this one. They were absolutely on the
 same straight line and of equal magnitude.

On the fourth, at the second hour, there were four stars around
 Jupiter, two to the east and two to the west, and arranged precise

East * * ○ * * West

on a straight line, as in the adjoining figure. The easternmost wa
 distant 3 minutes from the next one, while this one was 40 second
 from Jupiter; Jupiter was 4 minutes from the nearest western one
 and this one 6 minutes from the westernmost one. Their magnitude,
 ere nearly equal; the one closest to Jupiter appeared a little smaller
 than the rest. But at the seventh hour the eastern stars were only
 30 seconds apart. Jupiter was 2 minutes from the nearer eastern

East ** ○ * * West

one, while he was 4 minutes from the next western one, and this
 one was 3 minutes from the westernmost one. They were all equal
 and extended on the same straight line along the ecliptic.

On the fifth, the sky was cloudy.

On the sixth, only two stars appeared flanking Jupiter, as is seen

East * ○ * West

in the adjoining figure. The eastern one was 2 minutes and the
 western one 3 minutes from Jupiter. They were on the same straight
 line with Jupiter and equal in magnitude.

On the seventh, two stars stood near Jupiter. both to the east

Notes for & re-productions of Siderius Nunciuss

