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HIGHLIGHTS PUBLIC ENGAGEMENT (LISA KALTENEGER)

MEDIA AWARD

Smithsonian Magazine Young Innovator 2007 Award
<http://www.smithsonianmag.com/specialsections/innovators/kaltenegeer.html>

MEDIA COVERAGE

TV NEWS:

CNN-I (World News)

<http://edition.cnn.com/2010/WORLD/americas/01/04/avatar.pandora.alien.life/> (Jan 2010)

<http://www.youtube.com/watch?v=8fXgVM6i7GQ> (Jan 2010)

FOX News

<http://www.foxnews.com/scitech/2009/12/28/moons-like-avatars-pandora/> (Jan 2010)

RADIO Interviews:

SETI Radio (NPR) Oct. 2010

John Batchelor Show (Dec 2009) , www.JohnBatchelorShow.com

WABC Radio Network, 212-613-3800, 2 Penn Plaza, NY, NY 10017 Dec 2009

WJZ <http://wjz.com/seenon/baltimore.telescope.space.2.1003952.html>

WUML 91.5 Stargazer Segment (Radio) April 2008

podcasts: e.g. National Geographics, New Scientist (podcasts) Nov 2006

TV Shows

History Channel, The Universe, "Liquid Universe" Oct 2009

<http://www.history.com/shows/the-universe/episodes/season-4#slide-4>

NOVA Science Now (Discovery Channel), "Alien Life" Oct 2008

<http://www.pbs.org/wgbh/nova/space/alien-life.html>

Web-based interviews & talks & outreach

"Problem solving with Smithsonian experts" July 2010

<http://www.smithsonianconference.org/expert/planets-like-ours/>

"Eye on the Sky: An Astronomy Dialog" (CfA web-based TV interview) Feb 2007

<http://www.cfa.harvard.edu/sed/projects/eots.html>
“Detecting Life Beyond Earth”, PBS online Quiz, Sep 2007
<http://www.pbs.org/wgbh/nova/space/alien-life.html>

WIRE SERVICES

ANI <http://www.dailyindia.com/show/350213.php>
(numerous additional links)

IANS <http://mangalorean.com/news.php?newstype=local&newsid=160852>
(numerous additional links)

NEWSPAPERS

The Independent
<http://www.independent.co.uk/news/science/avatar-moons-may-become-a-science-fact-1846067.html>

The Register
http://www.theregister.co.uk/2009/12/21/exomoons_better_than_rubbish_planets/

Der Spiegel (Germany)
<http://www.spiegel.de/international/zeitgeist/0,1518,721840,00.html> (Oct 2010)

New Zealand Herald
http://www.nzherald.co.nz/space/news/article.cfm?c_id=325&objectid=10617061

USA Today
http://www.usatoday.com/tech/science/space/2009-04-21-earth-sized-planet_N.htm (April 2009)
<http://content.usatoday.com/communities/sciencefair/post/2010/09/alien-volcano-exoplanet/1>
(Sept 2010)

El Mercurio, Chile (Jan 2010)
<http://diario.elmercurio.cl/detalle/index.asp?id={b9de4873-073d-4039-963a-b7f7d225a4ae>
<http://diario.elmercurio.cl/detalle/index.asp?id={486fbf74-d86b-4eb3-b7a6-d6c8b8bb3535>
<http://www.emol.com/noticias/todas/detalle/detallenoticias.asp?idnoticia=394061>

MAGAZINES:

The Economist (June 2007)
http://www.economist.com/node/9254050?story_id=9254050

Smithsonian Magazine (Oct 2007)
<http://www.smithsonianmag.com/specialsections/innovators/kaltenegger.html>

Scientific American (May 2010)

<http://www.scientificamerican.com/article.cfm?id=exomoons-habitability>

New Scientist

<http://www.newscientist.com/article/dn14305-hot-superearths-could-host-life-after-all.html>

(July 2008)

<http://www.newscientist.com/article/mg20227083.800-telescopes-poised-to-spot-airbreathing-aliens.html> (May 2009)

<http://www.newscientist.com/article/mg20427304.100-to-spot-an-alien-follow-the-pollution-trail.html> (Oct 2009)

Superinteressante,

<http://super.abril.com.br/universo/existisse-dois-sois-543396.shtml> (March 2010)

WEBSITES

CNN International

<http://www.cnn.com/2010/WORLD/americas/01/04/avatar.pandora.alien.life/index.html?iref=24hours>

Christian Science Monitor

<http://www.csmonitor.com/Science/2009/1228/Avatar-the-real-life-science-behind-the-fantasy>

Discovery News

<http://news.discovery.com/space/avatars-pandora-could-be-a-reality.html>

Space.com

<http://www.space.com/scienceastronomy/091228-extrasolar-moons-pandora.html>

Fox News (space.com)

<http://www.foxnews.com/scitech/2009/12/28/moons-like-avatars-pandora/>

MSNBC (space.com)

http://www.msnbc.msn.com/id/34610604/ns/technology_and_science-space/

Yahoo! News (space.com)

http://news.yahoo.com/s/space/20091228/sc_space/moonslikeavatarspandoracouldbefound

Harvard Gazette (Sept 2010)

<http://news.harvard.edu/gazette/tag/lisa-kaltenegger/>

Sideways News

<http://www.sidewaysnews.com/science-technology/avatars-pandora-possible-within-years>

The Future of Things

<http://thefutureofthings.com/news/8681/avatars-moon-pandora-could-be-real.html>

Zee News

<http://www.zeenews.com/news589342.html>

Softpedia

<http://news.softpedia.com/news/Avatar-s-Exomoon-Pandora-May-Actually-Be-Real-130134.shtml>

TG Daily

<http://www.tgdaily.com/space-features/45147-nasa-hunts-for-avatars-moon-pandora>

Tonic

<http://www.tonic.com/article/astronomers-say-pandora-from-avatar-might-be-real/>

Der Spiegel

<http://www.spiegel.de/wissenschaft/weltall/0,1518,720355,00.html> (Sept 2010)

<http://www.spiegel.de/wissenschaft/weltall/0,1518,615165,00.html> (March 2009)

Telegraph (UK) (Dec 2009)

<http://www.telegraph.co.uk/science/space/6850260/Moons-like-those-in-Avatar-film-could-become-real.html>

BLOGS

New York Times

<http://judson.blogs.nytimes.com/2009/06/10/guest-column-found-in-transit>

Astronomy

<http://cs.astronomy.com/asycs/blogs/astronomy/2009/12/28/pandora-made-possible.aspx>

Coventry Telegraph

<http://blogs.coventrytelegraph.net/thegeekfiles/2009/12/avatars-science-fiction-world.html>

Daily Galaxy

http://www.dailygalaxy.com/my_weblog/2009/12/could-an-inhabited-moon-like-pandora-in-james-camersons-avatar-exist-harvardsmithsonian-astrophysics-.html

Astronomy Magazine:

<http://www.astronomy.com/asy/default.aspx?c=a&id=8056> (March 2009)

<http://www.astronomy.com/asy/default.aspx?c=a&id=10201> (Sept 2010)

Astronomy Now (UK)

<http://www.astronomynow.com/news/n1009/30exo/> (Oct 2010)

<http://www.astronomy.com/asy/default.aspx?c=a&id=10201> (Sept 2010)

Cosmos Magazine:

<http://www.cosmosmagazine.com/news/3219/astronomers-predict-discovery-avatar-moon?page=0%2C1> (Jan 2010)

<http://www.cosmosmagazine.com/news/3721/alien-volcanoes-are-detectable-astronomers-say>
(Sept 2010)

Das Universum

<http://universum.mediaquell.com/2010/09/18/im-reich-der-wilden-planeten-3242/> (Sept 2010)

Oscina -science and technology (Dec 2008)

<http://www.ostina.org/content/view/3756/1118/>

Universe Today (March 2009)

<http://www.universetoday.com/27513/jwst-will-provide-capability-to-search-for-biomarkers-on-earth-like-worlds/>

Noticia de Ciencia y Tecnologia

<http://www.amazings.com/ciencia/noticias/041010a.html>

INAF (Italy)

<http://www.media.inaf.it/2010/09/08/a-caccia-di-vulcani-sugli-esopianeti/> (Sept 2010)

Space.com

<http://www.space.com/scienceastronomy/091228-extrasolar-moons-pandora.html> (Dec 2009)

Physics.org

<http://www.physorg.com/news203932664.html>

Trendsupdate:

<http://trendsupdates.com/avatars-moon-pandora-could-leap-from-science-fiction-to-reality-soon/>

Astronomy Now

<http://www.astronomynow.com/news/n1009/09volcano/> (Sept 2010)

<http://www.astronomynow.com/news/n1009/30exo/> (Sept 2010)

Centauridreams.com

<http://www.centauri-dreams.org/?p=14283>

<http://www.centauri-dreams.org/?p=10723>

<http://www.centauri-dreams.org/?p=6794>

<http://www.centauri-dreams.org/?p=821>

TG Daily

<http://www.tgdaily.com/space-features/45147-nasa-hunts-for-avatars-moon-pandora>

World News

http://wn.com/NOVA_scienceNOW_|_Detecting_Life_|_PBS

SCIENTIFIC ADVISOR (TV AND PLANETARY SHOWS & PRESS)

Planetarium Show “Extrasolar Planet Search” Boston Museum of Science, 2010

(opens Feb 2011)

“Liquid Universe,” The Universe, History Channel (2009)

“Alien Earths,” NOVA (2008)

Science at Stake: Web-based initiative for journalists and general public, 2006 - current

http://scitizen.com/news/methods-to-search-for-extrasolar-planets_a-53-41.html

SCHOOL MATERIAL:

“Smithsonian in Your Classroom”

2010

”Universe” (<http://www.smithsonianeducation.org/universe>)

SIYC is Smithsonian Education’s free biannual publication for teachers. Each issue focuses on a single subject and includes a background article, lesson plans, and an activity to complete with your class. Our newest issue on the universe is all about astronomy, with answers to many questions ranging from “how can we date the beginning of the universe” to “what is a star?”. Our activity, how big, how far, how old, gives students a hands-on activity for putting the immensity of the universe in perspective. The Smithsonian Profile, “Lisa Kaltenegger, Planet Hunter,” tells a bit about Dr. Kaltenegger and includes an interview with her asking questions such as, “Do you think that there is life elsewhere? What about intelligent life?”. SIYC is a free publication and can be downloaded in its entirety from the link above.

"Problem solving with Smithsonian experts"

July 2010

<http://www.smithsonianconference.org/expert/planets-like-ours/>

<http://www.smithsonianconference.org/expert/exhibit-hall/sao/>

Exoplanets and Beyond, CfA (bringing cutting-edge science into the K-12 classroom)

2008 - current

The Habitable Planet Project, Harvard (web-based initiative for the classroom)

2007 - current

Eye on the Sky, CfA education department, a dialogue with astronomers

2007

<http://www.cfa.harvard.edu/sed/projects/eots.html>

CfA Teacher workshop - “Search for Planets and Life” for the classroom

April 2010

MIT Teachers workshop – How to use astronomy in the classroom

Sept 2005

BOOKS/ PUBLIC ARTICLES

Year Million (chapter on life among the stars)

Sky & Telescope: Habitable Moons (Nov 2011)

Encyclopedia on Astrobiology 2011 (field editor on planetary science and author of 14 entries on astrobiology)

Springer book, new Stars & Planets series, "Characterizing a Habitable Planet," 2011

PUBLIC LECTURES

"Problem solving with Smithsonian experts"

July 2010

<http://www.smithsonianconference.org/expert/planets-like-ours/>

<http://www.smithsonianconference.org/expert/exhibit-hall/sao/>

Public lecture, Planet Dynamics Conference, Boston "Exoplanets: an Intriguing Puzzle" April 2010

College of Charleston, Conrad D. Festa Community Lecture in Science & Mathematics, Feb 2010

Public Lecture, UC Santa Cruz, USA "Exoplanets & Life"

April 2010

South Carolina Annual Astronomers Meeting, USA "SuperEarths and Life"

March 2010

CEPSAR Christmas Lecture, Open University, UK "Finding Other Worlds"

Dec 2008

Boston Amateur Astronomers, Boston, USA: "Searching for the Pale Blue Dot"

Oct 2007

Skyscrapers Astro Society, USA "How to Find Fingerprints of Life on Exoplanets"

July 2007

Willstone High School, 8th grade, lecture at star party

March 2007

CfA Observatory Night public lecture, Boston, USA: "Epochs of Life"

Nov 2006

ART & SCIENCE

Bridge the Gap (Art & Science), NYC, Dec 2009

http://storefrontnews.org/exhibitions_events/events?t=71

VIDEOS on YOUTUBE:

<http://www.youtube.com/watch?v=rpQ75UAP3p0>

<http://www.youtube.com/watch?v=I4-S4vDqXEw>

<http://www.youtube.com/user/exoplanets3#p/u>

<http://www.youtube.com/user/exoplanets3#p/u/1/FIUF08VcJyg>

<http://www.youtube.com/user/exoplanets3#p/a/u/2/j0j5tkRh2Vs>

http://www.youtube.com/user/exoplanets3#p/u/3/-IiB42_qCSg

<http://www.youtube.com/user/exoplanets3#p/u/4/qdWkBBd8OLM>

<http://www.youtube.com/user/exoplanets3#p/u/5/6NSNoIkkpec>

<http://www.youtube.com/user/exoplanets3#p/u/6/qrzS7xl6ZE8>

<http://www.youtube.com/user/exoplanets3#p/u/7/ZbFYJMgy8V4>

<http://www.youtube.com/user/exoplanets3#p/u/8/HF8k0ek06ew>

PRESS RELEASES (CfA)

Can We Spot Volcanoes on Alien Worlds? Astronomers Say Yes. (Sept 2010)

<http://www.cfa.harvard.edu/news/2010/pr201014.html>

Avatar's Moon Pandora Could Be Real (Dec 2009)

<http://www.cfa.harvard.edu/news/2009/pr200925.html>

Finding Twin Earths: Harder Than We Thought! (March 2009)

<http://www.cfa.harvard.edu/news/2009/pr200909.html>

Three Top Young CfA Astronomers Honored (Nov 2007)

<http://www.cfa.harvard.edu/news/2007/pr200730.html>

Astronomers Reveal First Alien I.D. Chart (Sept 2006)

<http://www.cfa.harvard.edu/news/2006/pr200625.html>

PRESS RELEASE REPRINTS

Astrobiology magazine

<http://www.astrobio.net/pressrelease/3360/avatars-moon-pandora-could-be-real>

Eureka! Science News

<http://esciencenews.com/articles/2009/12/17/avatars.moon.pandora.could.be.real>

Bangalore Mirror

<http://www.bangaloremirror.com/article/44/200912212009122117204787237ffebdd/Scientists-say-Avatar%E2%80%99s-moon-Pandora-could-be-real.html>

Innovations Report:

<http://www.innovations-re->

[port.com/html/reports/physics_astronomy/avatar_039_s_moon_pandora_real_145941.html](http://www.innovations-report.com/html/reports/physics_astronomy/avatar_039_s_moon_pandora_real_145941.html)

Mumbai Mirror

<http://www.mumbaimirror.com/article/7/2009121920091219025607673a2554d5f/Scientists-say-Avatar%E2%80%99s-moon-Pandora-could-be-real.html>

PhysOrg

<http://www.physorg.com/news180288713.html>

R&D magazine

<http://www.rdmag.com/News/2009/12/General-Science-Avatars-moon-Pandora-could-be-real/>

Red Orbit

http://www.redorbit.com/news/space/1801139/searching_for_our_own_pandora/

ScienceBlog

<http://www.scienceblog.com/cms/avatars-moon-pandora-could-be-real-28596.html>

Science Daily

<http://www.sciencedaily.com/releases/2010/09/100907113048.htm> (2010)

<http://www.sciencedaily.com/releases/2009/12/091217183444.htm> (2009)

Space Fellowship

<http://spacefellowship.com/news/art17188/avatar-s-moon-pandora-could-be-real.html>

World Science

http://www.world-science.net/othernews/091220_avatar.htm