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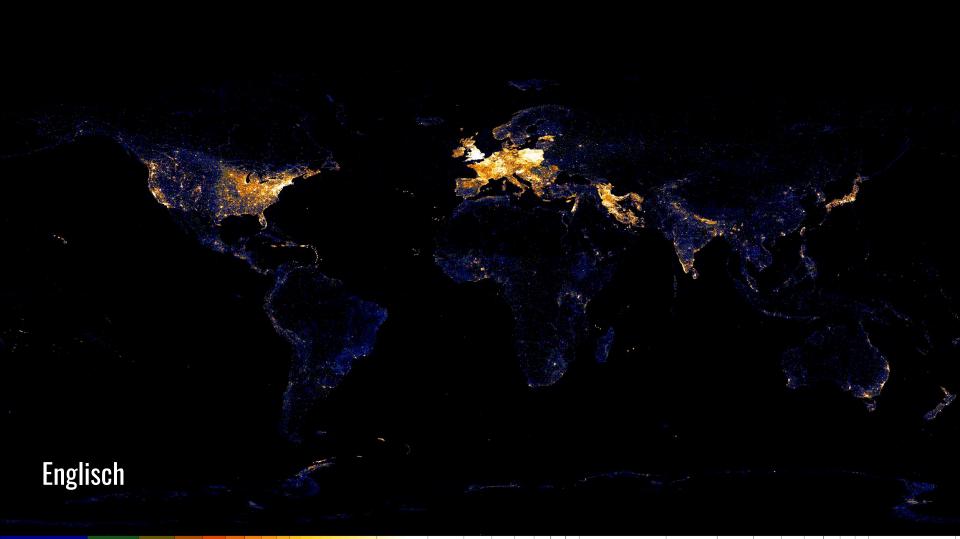
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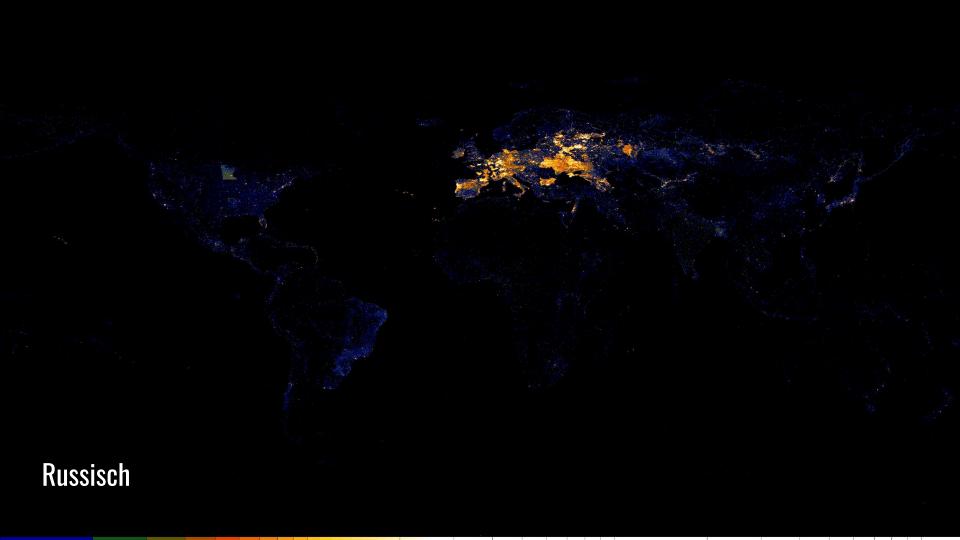
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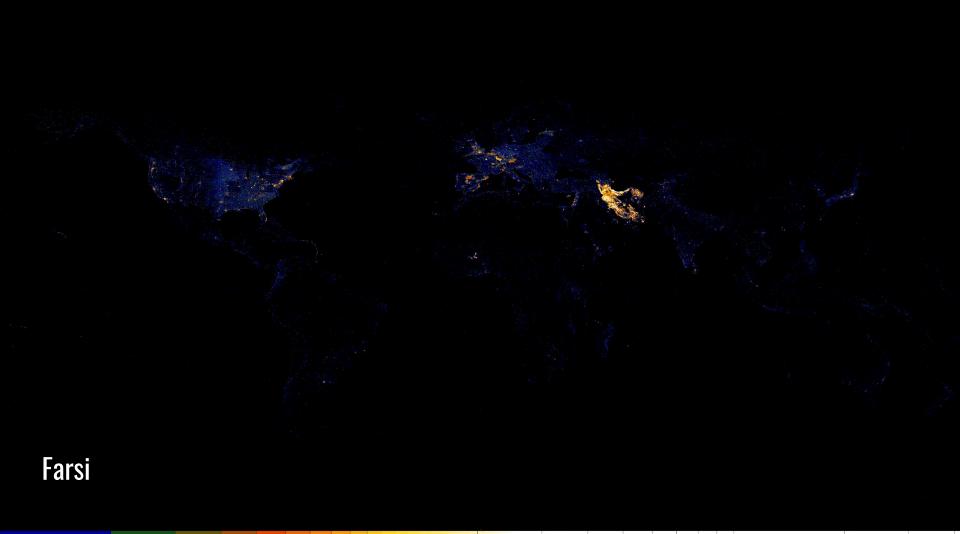
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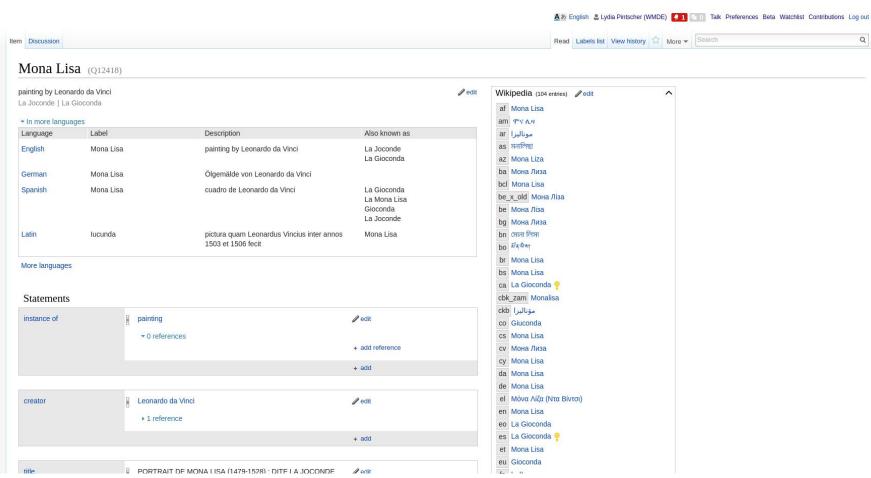
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(nach englisch-sprachiger Wikipedia und Commons)

South Pole Telescope

From Wikipedia, the free encyclopedia



The South Pole Telescope (SPT) is a 10 meter (394 in) diameter telescope located at the Amundsen-Scott South Pole Station, Antarctica. The telescope is designed for observations in the microwave, millimeter-wave, and submillimeter-wave regions of the electromagnetic spectrum, with the particular design goal of measuring the faint, diffuse emission from the cosmic microwave background (CMB).[1] The first major survey with the SPT-designed to find distant, massive, clusters of galaxies through their interaction with the CMB, with the goal of constraining the dark energy equation of state-was completed in October 2011. In early 2012, a new camera was installed on the SPT with even greater sensitivity and the capability to measure the polarization of incoming light. This camera is designed to measure the socalled "B-mode" or "curl" component of the polarized CMB, leading to constraints on the mass of the neutrino and the energy scale of inflation. [2]

The SPT collaboration is made up of over a dozen (mostly North American) institutions, including the University of Chicago, the University of California-Berkeley, Case Western Reserve University, Harvard/Smithsonian Astrophysical Observatory, the University of Colorado-Boulder, McGill University, The University of Illinois at Urbana-Champaign, University of California at Davis, Ludwig Maximilian University of Munich, Argonne National Laboratory, and the National Institute for Standards and Technology. It is funded by the National Science Foundation.

Contents [hide]

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- 3 The SPT-SZ camera
- 4 The SPTpol camera
- 5 Science goals
- 6 Funding
- 7 Current status
- 8 See also
- 9 References
- 10 External links

Microwave/millimeter-wave observations at the South Pole [edit]

The South Pole is the premier observing site in the world for millimeter-wavelength observations. The Pole's high altitude (2.8 km/1.7 mi above sea level) means the atmosphere is thin, and the extreme cold keeps the amount of water vapor in the air low.[3] This is particularly important for observing at millimeter wavelengths, where incoming signals can be absorbed by water vapor, and where water vapor emits radiation that can be confused with astronomical signals. Because the sun does not rise and set daily, the atmosphere at the pole is particularly stable. Further, there is no interference from the sun in the millimeter range during the months of polar night.

The telescope [edit]

The telescope is a 10-meter (394 in) diameter off-axis Gregorian telescope in an altazimuth mount (at the poles, an altazimuth mount is effectively identical to an equatorial mount). It

South Pole Telescope



The South Pole Telescope in November 2009

Location(s)

Amundsen-Scott South Pole Station, Antarctic

Treaty area[*]

Coordinates @ 90°S 0°E Altitude

2.8 kilometre

Built

November 2006-February

2007

First light 16 February 2007

Telescope style Gregorian telescope, radio

telescope

Diameter 10.0 metre

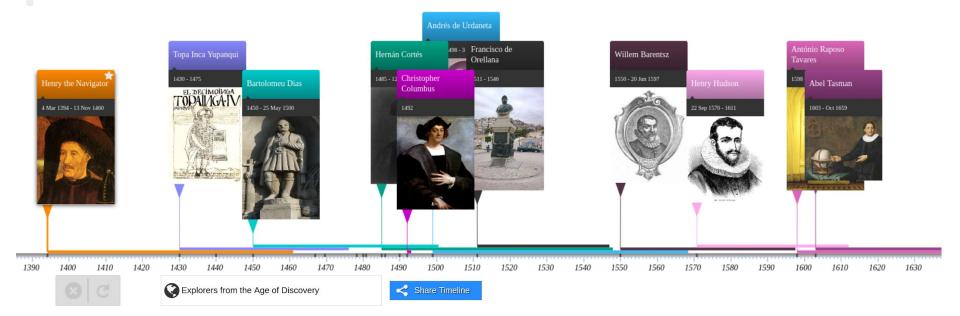
Collecting area 78.5 square metre

Website

pole.uchicago.edu@

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Mix'n'match Tools Git Discuss

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This tool can list entries of some external databases, and allows users to match them against Wikidata items.

Think 'red link lists on steroids'. See the manual for a how-to. GLAM institutions: Please read the unofficial FAQ!

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Catalog		Status
6DEG	Six degrees of Francis Bacon	
AAT	Art & Architecture Thesaurus by the Getty Research Institute	
ACAD	A Cambridge Alumni Database	
ADB	Australian Dictionary of Biography	
AGOHRA events	AGORHA event ID	
AGOHRA work	AGORHA work ID	
AGORHA person	identifier for a person or institution in the Agorha databas	
AUS-ORDER	General Division of the Order of Australia	
AWLD	UNESCO Atlas of the World's Languages in Danger	
AcademiaNet	Database for excellent female scientists	
AdS	Archives du Spectacle: people in theater and live performers	
Appletons	Appletons' Cyclopaedia of American Biography	✓
Architectes		
diocésains	French diocesan architects	
Art UK venue	authority control identifier for venues housing art, in the	
Artsy	Artsy artists	



Museo del Prado Spanish national art museum

Works in Museo del Prado



Christ Washing the Disciples' Feet painting by Jacopo Tintoretto in the Prado



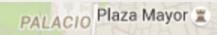
The Triumph of Bacchus painting by Diego Velázquez

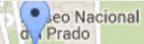


La maja desnuda painting by Francisco de Goya



Las Meninas painting by Diego Velázquez









Available games

This is a list of available games. Games are loaded from different sources, and you can add your own!

P1412

Author Language game

populate the Languages written and spoken (P1412) property by guessing from notable works or citizenship. Report problems to User:Ijon

Kian suggestions to add statements in items based on categories in Wikipedia articles. Contact Amir if a model has too much incorrect suggestions. 17



Kian game

languages are supported. Source code can be found in here



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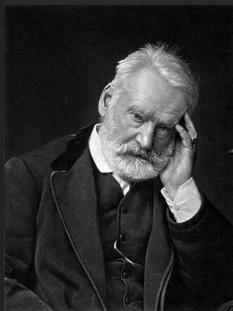
Items without image

These items have no image, but there are some on their Wikipedia articles.



Source MetaData

Identify a scientist on a publication. Is it the one suggested?



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Victor Hugo

French poet, novelist, and dramatist

1802 - 1885

country of citizenship: France native language: French educated at: University of Paris, Lycée Louis-le-Grand occupation: poet, politician, playwright, novelist,

draughtsperson, librettist, essayist, memoirist, writer

the Senate of France Viero Hago

position held: member of parliament in France, member of

Les Misérables

Les Misérables (pronounced /leɪ .mɪzə'rq;b/ or /leɪ 'mɪzə.rq;b/; French

pronunciation: [le mizeʁabl(ə)]) is a French historical novel by Victor Hugo, first published in 1862, that is considered one of the greatest novels. author: Victor Hugo

> more details

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The Hunchback of Notre Dame

1862



The Hunchback of Notre-Dame (French: Notre-Dame de Paris) is a

French Romantic/Gothic novel by Victor Hugo published in 1831. The title refers to the Notre Dame Cathedral in Paris, on which the story is author: Victor Hugo

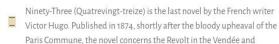
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Ninety-Three

author: Victor Hugo

1831



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Cromwell

Cromwell is a play by Victor Hugo, written in 1827. It was influenced by Hugo's literary circle, which identified itself as Romanticist and chose as a

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The Man Who Laughs

French title L'Homme qui rit. Although among Hugo's most obscure works,...

model dramatist Shakespeare instead of the Classicists Jean Racine and

author: Victor Hugo

1827

The Man Who Laughs (also published under the title By Order of the King) is a novel by Victor Hugo, originally published in April 1869 under the





This query engine is the result of the Master's degree project of seven students.

If you are interested by some technical aspects, please have a look at the project website.



Ask me anything alpha version





Who is the director of "Her"?





Result

Show internal results

Spike Jonze IIII 🚳





Spike Jonze (pronounced "Jones" /dʒoʊnz/; born Adam Spiegel; October 22, 1969) is an American director, producer, screenwriter and actor, whose work includes music videos, commercials, film and television. He started his feature film directing career with Being John Malkovich (1999) and Adaptation (2002), both written by Charlie Kaufman, and then started movies with screenplays of his own with Where the Wild Things Are (2009) and Her (2013). Jonze is well known for his music video collaborations with Fatboy Slim, Weezer, Beastie Boys, Björk and Kanye West, Wikipedia



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mediawiki:Help:Extension:Kartographer

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