

PicSat

the talking bird



Maarten Roos

PicSat Communication & Outreach Manager

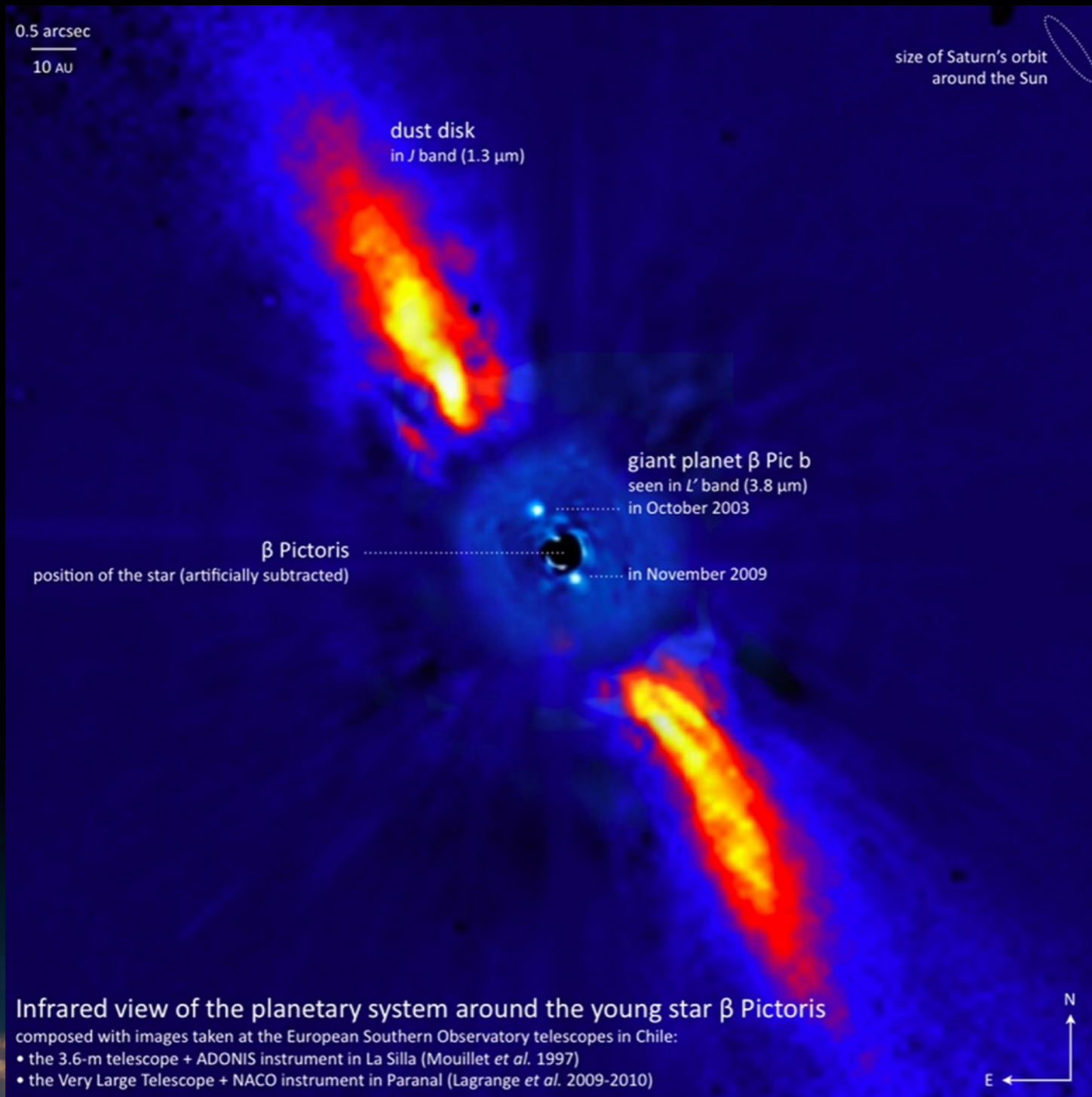
&

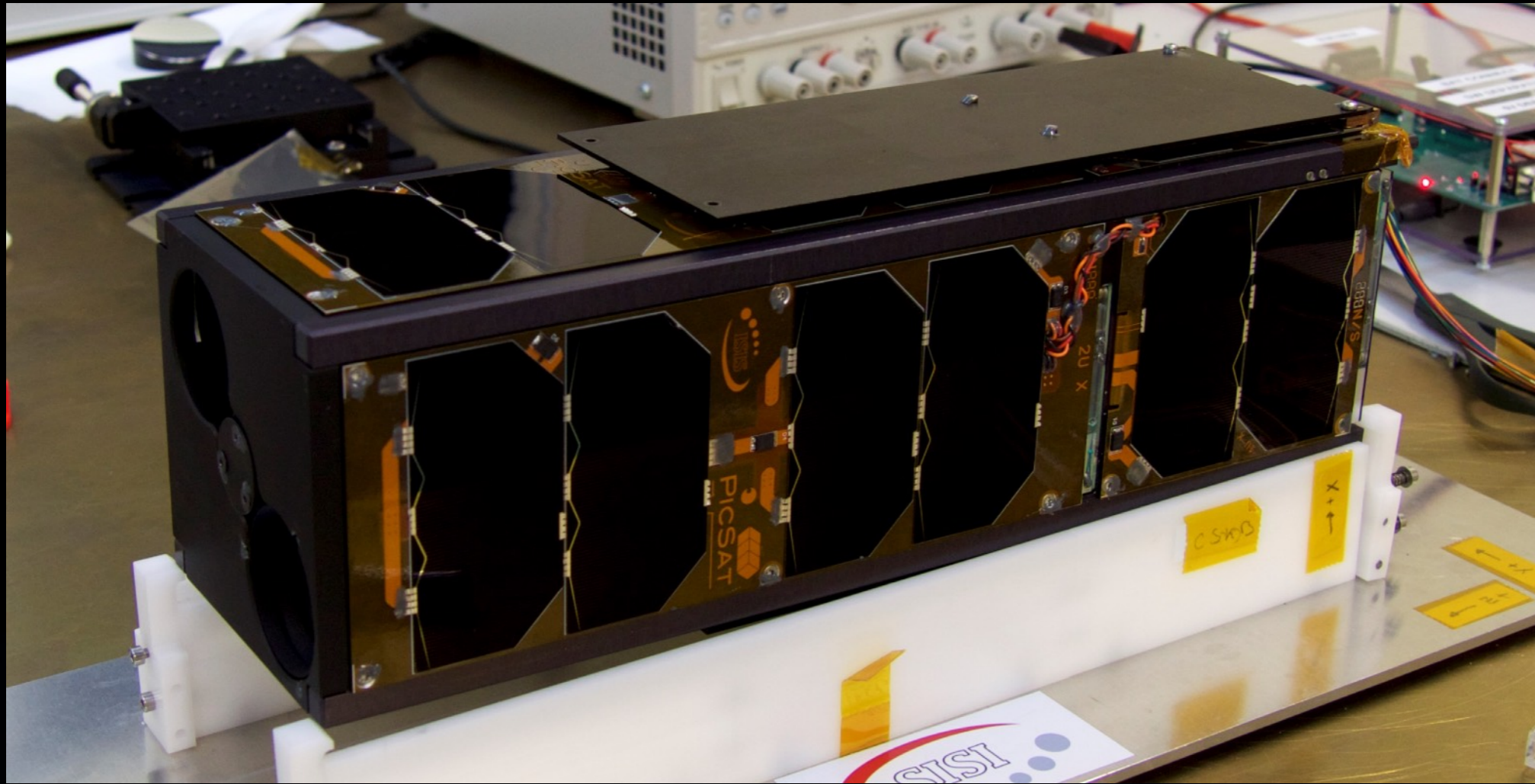
the PicSat Team

ESOF satellite event on Communication, Dissemination and Exploitation
Toulouse, 9 July 2018

PICSAT IS SUPPORTED BY







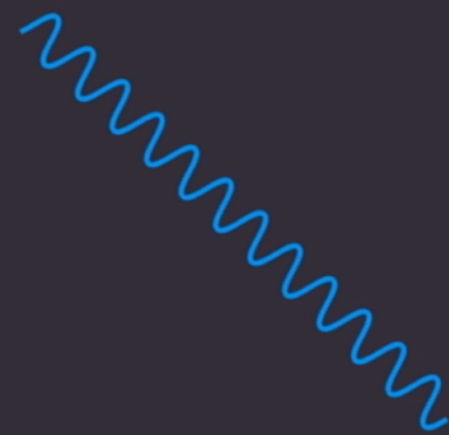
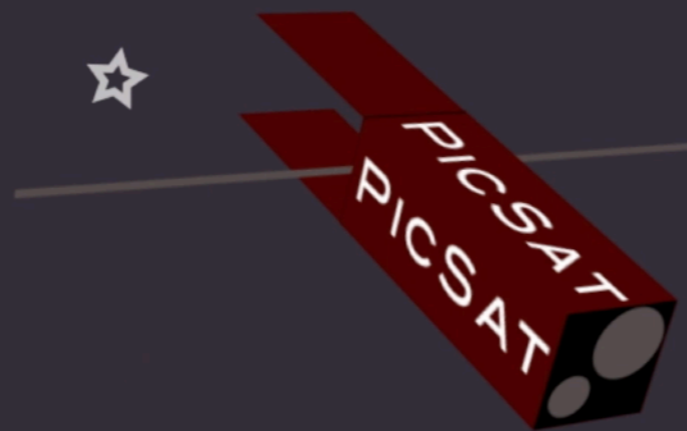
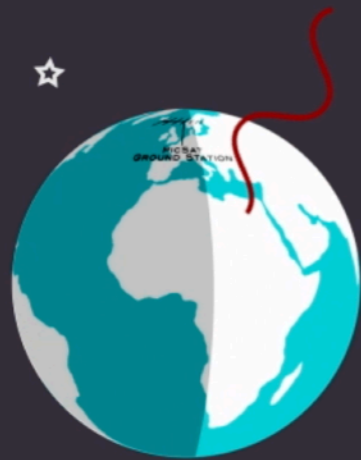
source:
ISRO



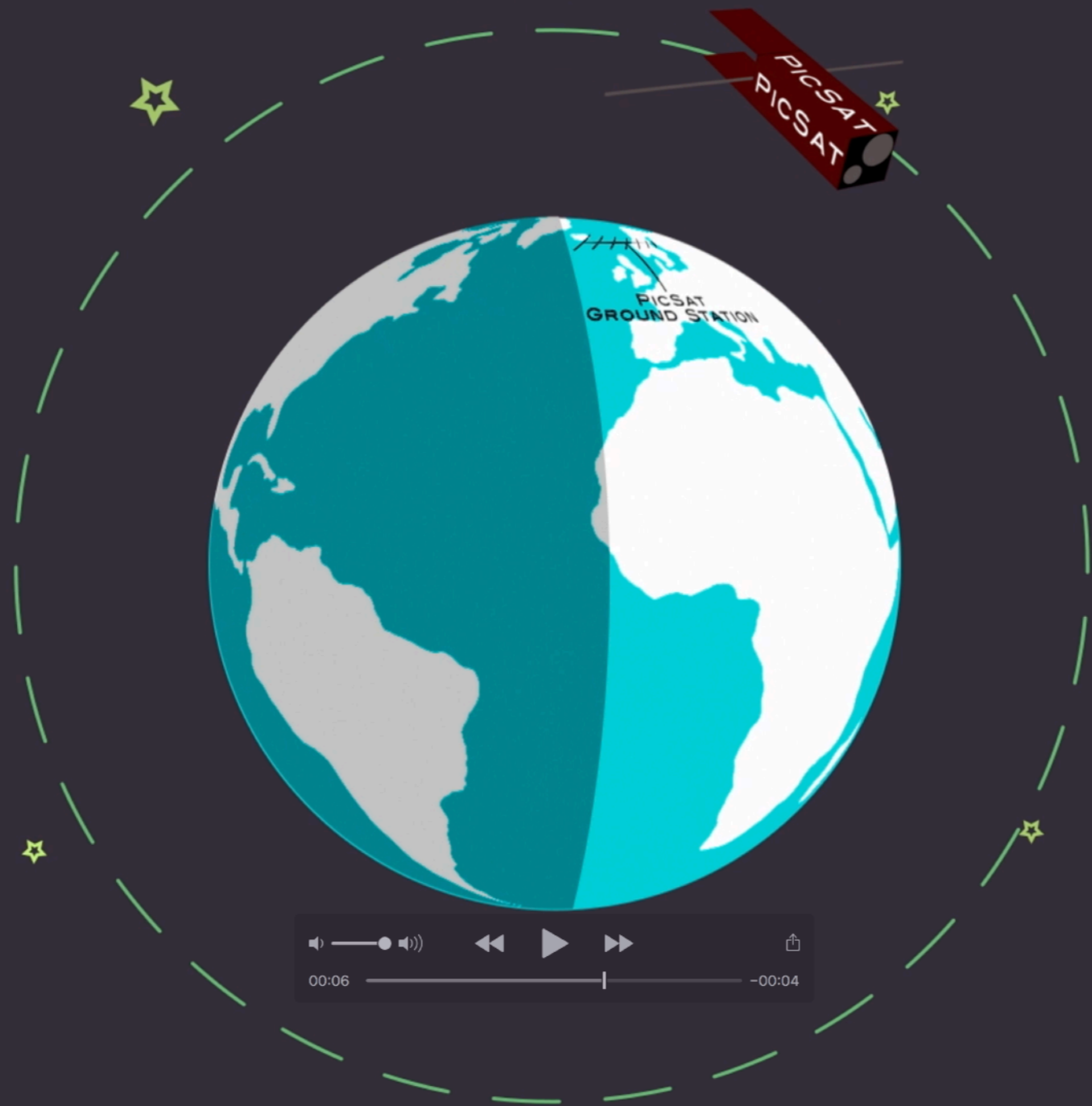
ONBOARD CAMERA VIEW



CUSTOMER SATELLITES SEPARATION



BETA-PICTORIS



00:06 -00:04



6

Station de communication



TVSMONDE

INFO

Accueil Afrique Terriennes Culture Les journaux En continu

INFO

PicSat : le nanosatellite français lancé avec succès

edition.cnn.com

CNN Health +

Related Article: NASA's Kepler mission finds 10 Earth-size exoplanets, 209 others

'reboot button.' If the software crashes, if the antennas do not deploy, or if any subsystem decides that it wants to go on strike, the mission is over. All you get is a very expensive brick in space. This is the true difficulty of space."

thehindu.com

THE HINDU

JUST IN

4 Shrs Rahul Gandhi, on Singapore visit, flags climate of anger

5 Shrs U.S. "a long way" from talks with North Korea

6 Shrs Fresh outreach in J&K to focus on arrested youth

7 Shrs Budget session: work stalled in Parliament for fourth day

HOME NEWS OPINION BUSINESS SPORT SCIENCE ENTERTAINMENT LIFE & STYLE SOCIETY THREAD

NEWS NATIONAL INTERNATIONAL STATES CITIES

PAKISTAN CELEBRATIONS

FLANDERTODAY

Thursday 8 March 2018

CURRENT AFFAIRS BUSINESS POLITICS INNOVATION

24 Feb 18

Leuven's new superdish picks up signals from tiny satellite

On top of that, Lacour said, there is the possibility that the planet won't pass in front of the star. If that is the case, the nanosatellite can still gather information on exocomets, of which they believe there are many in the Beta Pictoris disk.



PARIS DESPATCH | INTERNATIONAL

The Indian hand in a French satellite

Dhananjay Khadilkar


FEBRUARY 10, 2018 20:29 IST
UPDATED: FEBRUARY 10, 2018 20:36 IST

SHARE ARTICLE 284

Smart Owner

Sit back & let your money work for you

Vincent Lapeyriere's day at work starts with a 200 m walk from his office to the... He has 10... mmands to... s over Paris, day. Mr.



SCIENCE BUSINESS

Bringing together industry, research and policy

The Network News Focus Areas Events Reports Consultancy Advertising About Us Contact

The Network

Meet with universities and research centres, corporate executives, international investors, top European policy makers as well as regional and national organisations dedicated to stimulate innovation.

More info

Network News

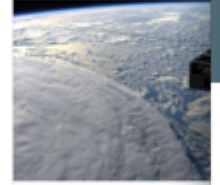
University of Twente and Wira University kick off Amsterdam engineering programme

16 Nov 2018 | University of Twente

Research expands alliance with Science 37 to advance virtual cloud stack program

French nano satellite to unveil the mysteries of Beta Pictoris

Press release



An artist's impression of PicSat in orbit around the Earth.

PicSat will be launched into Earth orbit on 12... exoplanet and its famous debris disk, thanks to... nanosatellite has been designed and built in a... engineers at the Paris Observatory and the CN... space agency CNES, the European Research C...

It is no bigger than three apples stacked upon... centimetres in size. It is not heavier than a car...

Science Home News Journals Topics Careers

Log in | My account | Contact us

Become a member Renew my subscription | Sign up for newsletters

Oh baby! Astronomers hope to glimpse giant newborn planet's rings and moons during rare transit

The exoplanet β Pictoris b plows a path through its star's disk of gas and dust in this illustration. ESO/L. CALÇADA

By Daniel Clery | Jan. 17, 2018, 1:10 PM

News from Science has introduced metered access. Full access to all news content is included in AAAS membership.

Got a tip? How to contact the news team

Advertisement

89 NORTH Light re-engineered

LDI

nature astronomy

Altmetric: 25

Perspective | Published: 01 May 2018

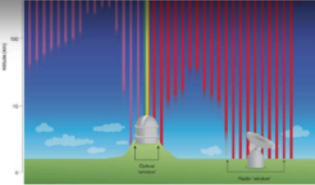
On the verge of an astronomy Cu... revolution

Evgenya L. Shkolnik

Nature Astronomy 2, 374–378 (2018) | Download Citation

Abstract

CubeSats are small satellites built in standard sizes and form factors, which have been growing in popularity but have thus far been largely ignored within the field of astronomy. When deployed as space-based telescopes, they enable science experiments not possible with existing or planned large space missions, filling several key gaps in astronomical research. Unlike expensive and highly sought after space telescopes

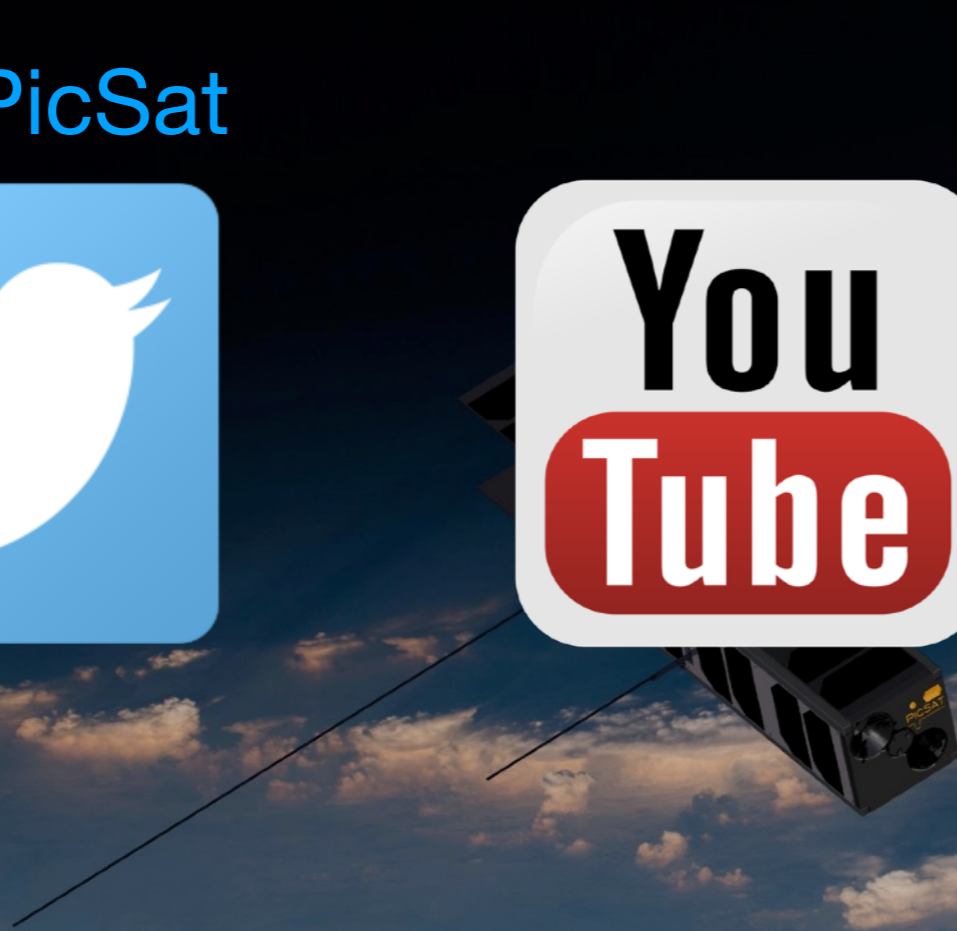


Inauguration du Complexe Technol

picsat.obspm.fr



@IamPicSat



RELATIONSHIP



26 June 2018



F4GUK @F4GUK · 11h

Replying to [@IamPicSat](#) [@sylvain_azarian](#)

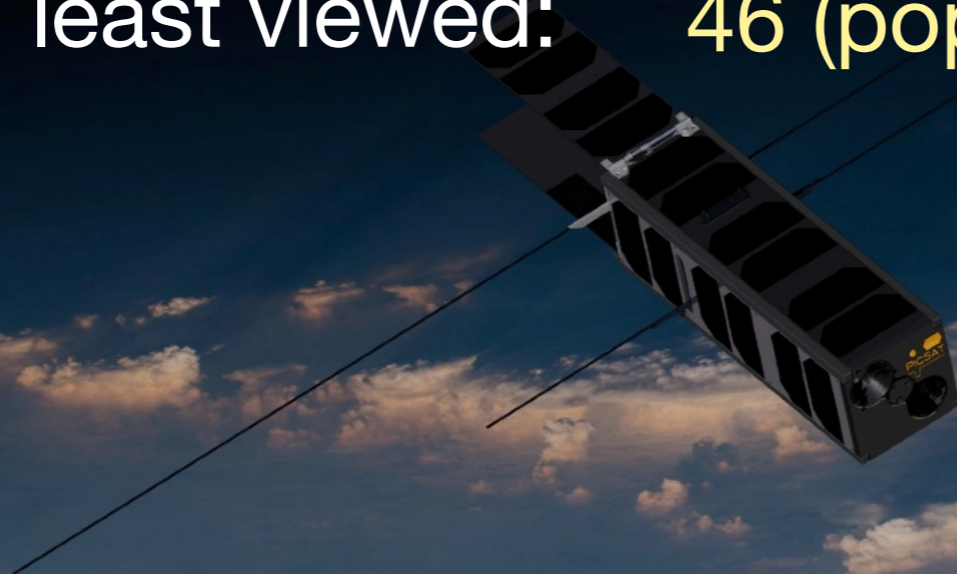
We had a "before" and an "after" PicSat mission:
Now Satellites need to speak and twitt' ! 😊
PicSat we will never forget you ! ❤️



@IamPicSat

STATS

first tweet:	18 November 2017
# tweets:	1449 (~10 tweets/day)
# followers:	1175
# photos / images:	203
# videos:	42
most viewed video:	5640 (solar panel deployment)
2nd most viewed:	3064 (launch)
least viewed:	46 (popular culture)



@IamPicSat



PicSat @IamPicSat · Feb 14

Every job has less exciting tasks. I guess for me it is "software patches" (updates). My team has been uploading 📡 updates of my software, but the line is slow 📞 and I can only talk for about 30 minutes a day. Well, at least the view isn't too bad 🌍 @Obs_Paris @psl_univ @AMSAT



1



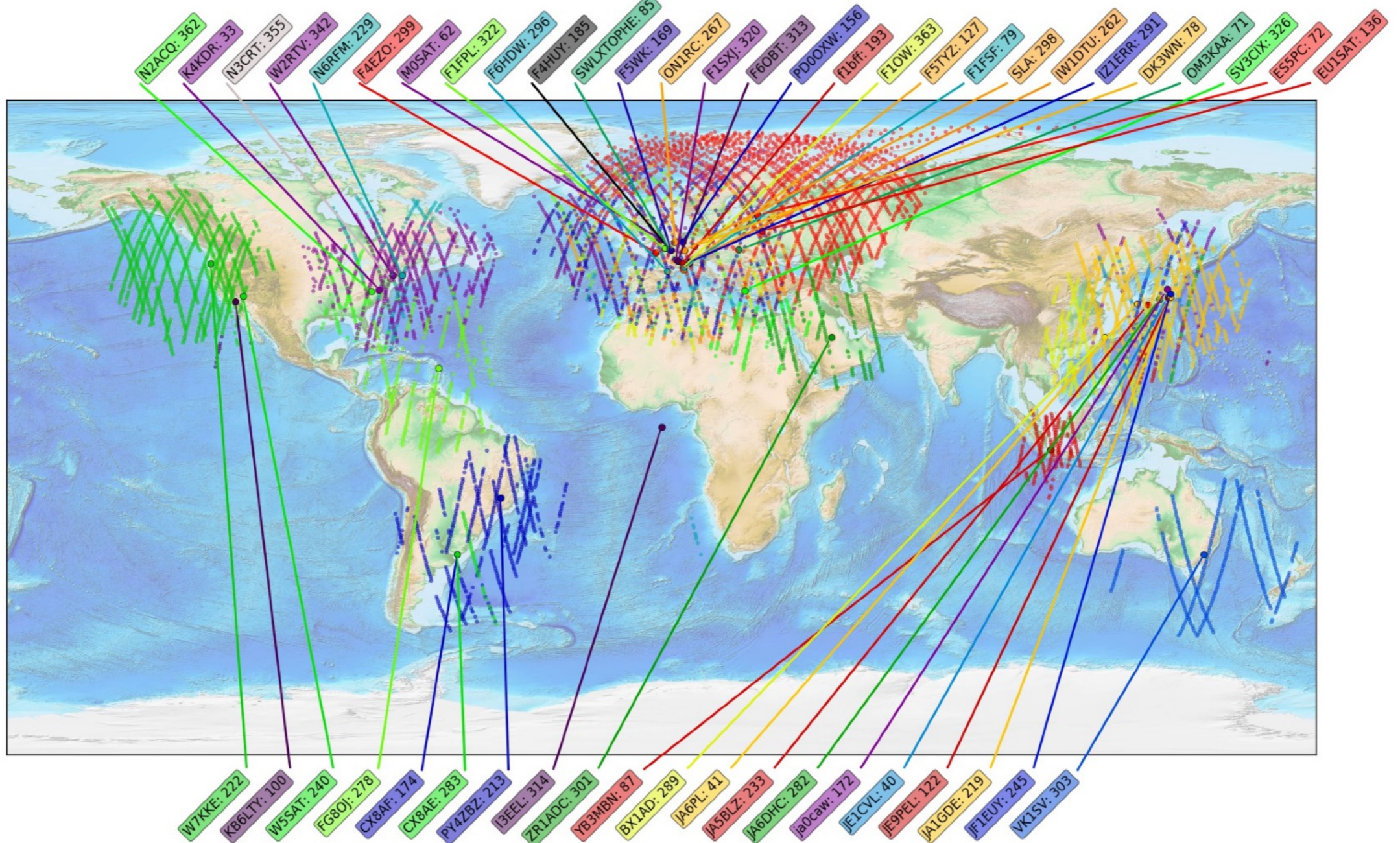
1



18



Beacons received from 2018-03-09 00:00:00 to 2018-03-16 00:00:00



@IamPicSat

“BAD” NEWS

The image shows a screenshot of a Twitter post on a desktop browser. The browser's address bar shows "Twitter, Inc.". The tweet is from user W2RTV (@w2rtv1), posted on March 20, 2018, at 3:36 PM. The text of the tweet reads: "@IamPicSat 1431z 45w NOTHING HEARD ! where is the bird ?". Below the tweet are icons for replying, retweeting, liking, and direct messaging. A reply box is visible with the placeholder text "Tweet your reply". The background of the browser window shows a technical interface with a waveform and various data points.

W2RTV @w2rtv1

Follow

@IamPicSat 1431z 45w
NOTHING HEARD ! where is the bird ?

3:36 PM - 20 Mar 2018

Tweet your reply

Trends for you

#TropheesUNFP #Parsifal #softpower LAZZARO FELICE #harryandmeghan
#PourLaGrèveGénérale RATP #LeGrandBain Les Insoumis #wildflowerhour

© 2018 Twitter About Help Center Terms Privacy policy Cookies Ads info

@IamPicSat

PicSat @IamPicSat · Mar 20
Passed over Paris, couldn't not talk. Don't know why, neither does my team. They tried! Fortunately, I have a so-called watch-dog onboard, a piece of hardware that will kickstart me if I have not received anything from nobody for 72h: so about 1120 UTC this Friday. Now we wait 🙄



Amsat-f, AMSAT, AMSAT-UK and 7 others

6 12 25



Dave Remnant (MOSAT)
@DaveRemnant

Follow

Replying to @IamPicSat @amsatf and 9 others



3:38 PM - 20 Mar 2018

1 Retweet 4 Likes

1 4



Tweet your reply



PicSat @IamPicSat · Mar 23

ai ai ai ai ai, oh là là, oh là là rien, nothing, nix. I still cannot communicate. Hard for me to tell if my Watch Dog initiated the kick start. If it did, and it did not work for some reason, it will try again in 72h from now. In the mean time, pls stay tuned! @SatNOGS



AMSAT, Amsat-f, AMSAT-UK and 7 others



6



12



47



@IamPicSat



Patrick Dohmen @DL4PD · Apr 6

Replying to @IamPicSat @Obs_Paris and 22 others

Maybe some of the enthusiast would like to make your current setup - with slight modifications - available for a @SatNOGS groundstation!?

The would help to keep the skills up 😊



Eleftherios Kosmas @elkos · Apr 6

Yeah @IamPicSat has been a source of inspiration and enthusiasm. I think participating in the @SatNOGS project so we can pick up satellite transmissions is a great way to support current and future transmissions.



Jason Spyromilio @apolitosb · Apr 6

Replying to @IamPicSat @Obs_Paris and 22 others

Thanks to all of you for trying this. Thanks to the ERC for funding this. Experimenting is not easy.





PicSat @IamPicSat · Apr 6

Dear everybody! It is me, PicSat, saying goodbye to you all (for now) 🙋 This will be a thread of tweets, some photos too. @Obs_Paris @psl_univ @ERC_Research @SciSq @CNRS @INSU_CNRS @CNRS_DR05 @CNES @astrolAP @CedraTec @isis_space @ESO @europlanetmedia @IDQuantique (1/n)



Amsat-f, AMSAT-SM, AMSAT-UK and 6 others

8

22

68



[Show this thread](#)