

# Discoveries by Astronomer Thomas Scott Zolotor

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<https://www.facebook.com/notes/tom-freethesouls-zolotor/discoveries-by-astronomer-thomas-scott-zolotor/10151738488524144>

THOMAS ZOLOTOR IS A FINANCIAL POLICE® DEPUTY AGENT HE ALSO A SEA CAPTAIN AND ORDINATED MINISTER AS WELL AS AN ASTRONOMER. HE SOMETIMES GOES BY CAPTAIN FREE THE SOULS.

Astronomer, Thomas Scott Zolotor, is helping to map and study parts of Mars, Mercury, Vesta and the Moon. Thomas is also studying how galaxies form and has classified and discovered never before seen galaxies. He is searching for gravitational waves around pulsars, and has produced a better understanding of how the Milky Way formed. Thomas is seeking to better define dark matter as well as how the universe formed after the big bang. In his studies, Thomas searches for planets around other star systems. In 1991, Thomas found an asteroid. He has discovered several asteroids and stellar clusters to date. **Captain Thomas Zolotor took part in the Andromeda Project which produce the largest catalog of star clusters known in any spiral galaxy. He was one of the very first to find undiscovered stellar clusters in this program.** He found a stellar cluster that looks like the letter "N" and another that looks like the number 2. He has discovered many more stellar clusters in the galaxy Andromeda. He has published numerous theories about the universe that are supported by recent research.

1. Captain Zolotor discovered never before seen galaxies.
2. Captain Zolotor discovered never before seen stellar clusters and was involved in helping to make the largest ever catalog of stellar clusters.
3. Captain Zolotor discovered never before seen asteroids.
4. Captain Zolotor's tag #fhh was used to help classify CANDELS/FHB galaxies to get them ready for the public in record time.
5. Mr. Zolotor helped to measure the size of a few exoplanets outside of our solar system. Astronomer Thomas Scott Zolotor studied and have measured the light curve for the following exoplanets and it is added to the average of the information on these planets. By measuring the light curve one can measure the planets size and tell how big they are. These are official stats.

Here are the planets Zolotor did:

**OGLE-TR132b, Gliese 1214 b, HAT-P-25b, TrES-3b, WASP-2b and CoRoT 2b.**

For the above planets, Mr. Zolotor helped to determine their sizes.

Thomas Scott Zolotor also noticed a star that appears to have a transit, which could show evidence that a planet might be orbiting it. One will have to wait until Planet Hunters can actually confirm the find. The star is marked as one of Kepler's favorites for a candidate planet. The star's name is kplr005695524/ SPH10147315.

6. Mr Zolotor have been involved in group discoveries from programs like Eyewire, Galaxy Zoo 4, Andromeda project and Rosetta.

7. Astronomer Thomas Scott Zolotor (FREE THE SOULS) gained notoriety for theorizing and predicting the Green Bean Galaxy by postulating that a new pea galaxy would be found. He also predicted the Hot DOGS galaxies. Furthermore, Mr. Zolotor hypothesized flaws in established galaxy models, after which astronomers discovered a huge black hole in a tiny galaxy causing them to rethink previous galaxy models. Remember, Einstein became famous for predicting stuff as well. Thomas Scott Zolotor came up with several other theories and hypothesis that was proven true. To see over 20 or 30 predictions that already came true go to this blog:

<https://www.facebook.com/notes/tom-freethesouls-zolotor/astronomer-thomas-scott-zolotor-has-published-numerous-theories-about-the-univer/10151073548804144>

8. Mr. Zolotor voted for the name Styx for one of Pluto's two new moons that were discovered and it was accepted and made official by the IAU.

9. NEW DATA ON THE SGR. DWARF GALAXY AND MILKYWAY@HOME THAT THOMAS SCOTT ZOLOTOR IS IN.

In summary, we provide the best measurements to date of the properties of the dominant Northern and Southern tidal streams thought to be associated with the Sgr dwarf galaxy. As in the past, a definitive model for the creation of these tidal streams remains elusive.

## 10. Moon Discovery

When the sun is at different sun angles the **craters** on the moon may look different or be invisible to count. The best way to count **craters** is when the sun is around the horizon so as to see **craters** that would be invisible by other sun angles. This is a pretty good discovery from the people at moon mappers and Cosmoquest in which Thomas Zolotor is doing his part in counting **craters** to help with moon science. Counting craters help astronomers get an idea for the age of parts of the Moon plus many other things.

In a new study experts was able to do better then non-experts at counting well defined craters, however, in the same study Moon Mappers showed that the experts are just as good as the non-experts in finding Crater Degradation.

Mr. Zolotor participated in both Moon studies.

## 11. PLUTO'S NEW MOON VOTED ON AND NAMED

Thomas Scott Zolotor voted for the name Styx to name one of Pluto's new found moon. Out of 21 names to vote for he voted for it and a few months later 'Styx' become the official name of a newly discovered Pluto moon. How cool is that?

"It's not everyday that my vote counted this is exciting," said Mr. Zolotor.

<https://www.facebook.com/notes/tom-freethesouls-zolotor/plutos-new-moon-voted-on-and-name/10151679141444144>

12. Some discoveries from Eyewire that will be announced soon.

14. Something Important Mr. Zolotor is doing in Astronomy.

His Hashtag which he created himself #fhb is mention in this professional article by the astronomers working at galaxy zoo 4. The Hashtag #fhb has been of great use help by determined which fhb galaxies have been classified and which needs more classifying in which case have retired the very faint fuzzy objects due to this processes.

For the very first time ever, we may be able to tell the shape and if there any interaction or mergers from these hard to see galaxies from the Hashtag that he created. This is HUGE!!!! The Tag is from galaxy zoo 4 TALK in which people use it to tag fhb galaxies and place them in groups...using this method have proved to be very useful. Read the below article.

<http://blog.galaxyzoo.org/2013/04/09/more-hubble-more-often/>

#### **ASTRONOMY AND OTHER PREDICTIONS AND HYPOTHESIS BELOW:**

**Myspace deleted my scientific blogs that has my predictions on it. This is not my fault but Myspaces's fault. Thousands of people are upset with them now. I am sure people have read my blogs in the past and can testify that I did make those predictions that was later proven true in astronomy. I have proof in the form of screenshots for the predictions and hypothesis I made below. Just ask and I will send you them and they are time stamped by AOL and Myspace.**

<http://www.telegraph.co.uk/technology/10173232/MySpace-users-threaten-to-sue-after-years-of-blogs-deleted.html>

**Thomas Zolotor wrote on his blog:**

**An energy source will be detected in or around a galaxy that never been detected before**

#### **Radio Bursts Discovered From Beyond our Galaxy**

**Astronomers, including a team member from NASA's Jet Propulsion Laboratory in Pasadena, Calif., have detected the first population of radio bursts known to originate from galaxies beyond our own Milky Way.** The sources of the light bursts are unknown, but cataclysmic events, such as merging or exploding stars, are likely the triggers.

Further scans for radio bursts using the Parkes Observatory are ongoing. Researchers are also using other telescopes to search for and characterize these events. For instance, the V-Fastr project, developed in part at JPL, is currently running on the National Radio Astronomy Observatory's Very Long Baseline Array, an international network of telescopes. It will enable scientists to localize a burst's origin to a precise location in a distant host galaxy.

[http://www.spacedaily.com/reports/Radio\\_Bursts\\_Discovered\\_From\\_Beyond\\_our\\_Galaxy\\_999.html](http://www.spacedaily.com/reports/Radio_Bursts_Discovered_From_Beyond_our_Galaxy_999.html)

#### **BLACK HOLES**

Zolotor predicted that primordial black hole will exist back in 2011. On his blog;

<http://www.myspace.com/freethesoulss/blog/543245050>

A new type of black hole was just discovered called a IMBHs black hole, which are believed to be primordial black holes.

While previously there had been no certain evidence of the existence of intermediate-mass black holes, a team at the CSIRO radio telescope in Australia announced on 9 July 2012 that it had discovered the first intermediate-mass black hole or IMBHs.

There are three popular formation scenarios for IMBHs. The first, is the merging of stellar mass black holes and other compact objects by means of accretion. The second one is the runaway collision of massive stars in dense stellar clusters and the collapse of the collision product into an IMBH. The third is that they are primordial black holes formed in the big bang.

[http://en.wikipedia.org/wiki/Intermediate-mass\\_black\\_hole](http://en.wikipedia.org/wiki/Intermediate-mass_black_hole)

Zolotor predicted this about black holes. In a breakthrough study of a black hole in a galaxy this happened. In 2011 he wrote: 'Some [black holes] will emit a type of energy never before detected in or around black holes.' This can be viewed at:

<http://www.myspace.com/freethesoulss/blog/543272886>.

One of the biggest, brightest explosions ever recorded comes from a huge black hole at the center of a distant galaxy, astronomers say. The dark behemoth apparently tore up a star that wandered too close—converting its energy into a powerful beam that we can see because we're in its path, according to the scientists.

**"This is truly different from any explosive event we have seen before,"** said Joshua Bloom, an astronomer at the University of California at Berkeley.

An explosive event is an energy source and it confirms Zolotor's prediction.

[http://www.world-science.net/othernews/110614\\_blackhole](http://www.world-science.net/othernews/110614_blackhole)

### **Black holes turn up the heat for the Universe**

HITS astrophysicists discover a new heating source in cosmological structure formation

So far, astrophysicists thought that super-massive black holes can only influence their immediate surroundings. A collaboration of scientists at the Heidelberg Institute for Theoretical Studies (HITS) and in Canada and the US now discovered that diffuse gas in the universe can absorb luminous gamma-ray emission from black holes, heating it up strongly. This surprising result has important implications for the formation of structures in the universe. The results have just been published in "The Astrophysical Journal" and „Monthly Notices of the Royal Astronomical Society".

Heat is an energy source.

[http://www.h-its.org/english/press/index.php?we\\_objectID=877&pid=505](http://www.h-its.org/english/press/index.php?we_objectID=877&pid=505)

**This is the 2nd time that MR. Zolotor have predicted something similar happening to a black hole.**

**Thomas Zolotor wrote on his blog: Black holes will emit a type of energy never before detected in or around them**

<http://www.myspace.com/freethesouls/blog/546180473>

Black Hole 'Mystery Wave' Takes Astronomers By Surprise.

Astronomers studying an unusual black hole system have spotted a never-before-seen structure in the disk of matter encircling the system.

Rather than appearing at a set, predictable time, the structure shows up over a steadily increasing period, indicating a wave-like movement through the accretion disk.

"It is a wave produced in the accretion disk, moving outward," Corral-Santana said, "like the wave produced when a stone is dropped in calm water."

[http://www.huffingtonpost.com/2013/03/01/black-hole-mystery-wave-astronomers\\_n\\_2784704.html?icid=maing-grid10%7Chtmlws-main-bb%7Cdl2%7Csec3\\_lnk1%26pLid%3D277727](http://www.huffingtonpost.com/2013/03/01/black-hole-mystery-wave-astronomers_n_2784704.html?icid=maing-grid10%7Chtmlws-main-bb%7Cdl2%7Csec3_lnk1%26pLid%3D277727)

The idea that galaxy models are wrong seems to be true due to the below article on the giant black hole in a tiny galaxy. Thomas Zolotor predicted that today's galaxy models are wrong.

Giant black hole could upset galaxy evolution models

<http://www.nanowerk.com/news2/space/newsid=27733.php>

<http://www.greenfieldreporter.com/view/story/884f64228662480a8a1f7ef612c1e4fe/US-SCI--Supermom-Galaxy>

[http://www.nasa.gov/home/hqnews/2012/aug/HQ\\_12-278\\_Chandra\\_Phoenix\\_Cluster.html](http://www.nasa.gov/home/hqnews/2012/aug/HQ_12-278_Chandra_Phoenix_Cluster.html)

Zolotor wrote:

I predict another molecule, gas energy or chemical will be found around black holes and stars.

<http://www.myspace.com/freethesouls/blog/546086804>

Sugar Molecules Found Around Young Star Researchers working with the Atacama Large Millimeter/submillimeter Array (ALMA) have discovered sugar molecules in the gas surrounding a young newly formed Sun-like star. This discovery is the first time that sugar has been seen in space around a Sun-like star.

The discovery makes it clear that the building blocks of life “are in the right place, at the right time, to be included in planets forming around the star.”

“The astronomers found molecules of glycolaldehyde — a simple form of sugar — in the gas surrounding a young binary star, with similar mass to the Sun, called IRAS 16293-2422. Glycolaldehyde has been seen in interstellar space before, but this is the first time it has been found so near to a Sun-like star, at distances comparable to the distance of Uranus from the Sun in the Solar System. This discovery shows that some of the chemical compounds needed for life existed in this system at the time of planet formation.

<http://planetsave.com/2012/08/30/sugar-molecules-found-around-young-star/>

## **PEA GALAXY**

Thomas Zolotor predicted a new form and or similar form of a new pea galaxy would be found.

He wrote: "I think that a new class of pea galaxies will be found and or it will show these galaxies from way back in the past before they got very bright. I also believe a new form of galaxy will be found soon by this Zoo project."

<http://www.galaxyzooforum.org/index.php?topic=3638.2835>

Last post

Tom Zolotor

The new galaxy below does point out that he was correct in it's appearance :

This new class of galaxies has been nicknamed green bean galaxies because of their color and because they are superficially similar to, but larger than, green pea galaxies.

<http://www.sci-news.com/astronomy/article00763.html>

Remember, Einstein, became famous for predicting stuff with his theories and Zolotor is making awesome predictions too.

## **TECHNOLOGY**

**ONLINE GAMING TO FEED THE HUNGRY** Zolotor also predicted people would be playing 3D world-like games to help feed the hungry. During a visit to the Ellen DeGeneres Show, Justin Bieber announced the game WeTopia

([http://ellen.warnerbros.com/2012/03/justin\\_biebers\\_big\\_announcement\\_0301.php](http://ellen.warnerbros.com/2012/03/justin_biebers_big_announcement_0301.php)). Save the Children, a well-known charity to help end hunger is part of the exciting new social game recently launched by Sojo Studios. Players of the game work together to create their own online "Utopias" while making the real world a better place for children. WeTopia also features other charities to unite online communities with social gaming to fund real-world projects ranging from building schools, clinics and libraries as well as promoting bright futures for kids through health, fitness, education, nutrition and other desperately needed programs.

In a letter to the United Nations World Food Programme, Zolotor wrote: "I love the Freerice games. As an artist I enjoy figuring out which artist painted which painting; and also the game where one can pick the meaning of a word to help donate rice. I have an idea...is there a site where one can play arcade games, Scrabble, puzzle games and etc to help feed the needy? If not, I am sure one can create more games. I am very sure a lot of people would play those games because sites like POGO are popular on the web. POGO offers all kinds of free games, but they do not help to feed the poor. Think about it; kids love games. This will surely get a lot more people helping out just by playing computer games. Maybe you can add more games in the future. "

**Children's Benadryl perfect measure spoons**

On 5/19/2011 wrote this prediction down in an email to the company.

Hello,

I have used the Children's Benadryl perfect measure spoons for my allergies. I am 39 years old and I use them because I have trouble swallowing pills. I was wondering. These perfect measure spoons would be perfect for liquid vitamin and mineral supplements. Could your company try to get other companies to market this? Plz, reply to what you think of this idea? Also, use it with other liquid drugs and phenylephrine.

Thanks, Thomas Zolotor

Update: Captain Zolotor prediction and or suggestion that the Children's Benadryl perfect measure spoons should be marketed by another company and it was. Walgreen's and **CVS**. Walgreens Substitute to Children's Benadryl Perfect Measure Pre-Filled Spoons wal-dryl allergy spoons. It has been discontinued but for awhile Zolotor's prediction came true.

Also, on the site it says: **THE DISTRIBUTOR IS LOOKING FOR A MORE RELIABLE MANUFACTURER.**

**CVS Offers Their Own Version of Benadryl-Pre-Measured Spoons**

<http://www.smartallergyfriendlyeducation.com/2013/06/cvs-offers-another-childrens-allergy.html>

<http://www.smartallergyfriendlyeducation.com/2012/02/walgreens-substitute-to-childrens.html>

I am glad they used my suggestion, said Captain Thomas Scott Zolotor.

**Herschel finds hot gas surrounding the black hole at the heart of our Galaxy**

Thomas Zolotor wrote on his blog: I predict another molecule, gas energy or chemical will be found around black holes and stars.

Astronomers examining data collected by the Herschel Space Observatory have found a cloud of incredibly hot gas that may be orbiting or falling towards the supermassive black hole at the heart of our Milky Way galaxy.

ESA's Herschel space observatory has made detailed observations of surprisingly hot molecular gas that may be orbiting or falling towards the supermassive black hole lurking at the center of our Milky Way galaxy.

Herschel has detected a great variety of simple molecules at the Milky Way's heart, including carbon monoxide, water vapor and hydrogen cyanide. By analyzing the signature from these molecules, astronomers have been able to probe some of the fundamental properties of the interstellar gas surrounding the black hole.

<http://phys.org/news/2013-05-herschel-hot-gas-menu-milky.html>

and

<http://www.sen.com/news/herschel-finds-hot-gas-surrounding-the-black-hole-at-the-heart-of-our-galaxy.html>

### **Astronomers discover planet made of diamond**

On 5/11/2011 Captain Zolotor wrote this on his blog:

A new type of star, planet and/or galaxies will be discovered.

Astronomers discover planet made of diamond. This is the first new planet found after the prediction and sorry for this one being so general as more detailed predictions and hypothesis are on this paper.

<http://www.reuters.com/article/2011/08/25/us-planet-diamond-idUSTRE77O69A20110825>