Search

## 8 comments

About the author

length.

structure, suggesting that the ion concentrations vary along its

The results are published in a series of five papers in Science

Hamish Johnston is editor of physicsworld.com

L.P. Piezo Nano

Positioning Jun 3, 2009

# 1 Oliver K. Manuel Oct 16, 2009 4:06 AM

**United States** 

### Outer Edge of the SN that Made the Solar System?

The intriguing "ribbon" at the "interstellar boundary" is only the "edge of the Solar System" in the equatorial plane.

An axial supernova explosion of the Sun gave birth to the solar system [Transactions Missouri Academy Sciences 9, 104-122 (1975); Nature 262, 28-32 (1976); Science 195, 208-209 (1977); Robert Welch Foundation Conference on Chemical Research XII. Cosmochemistry, pp 263-272 (1978); Nature 277, 615-620 (1979); Meteoritics 15, 117-138 (1980)] - like the axial explosion of SN1987A.

That is why the ribbon exists only be in the equatorial plane, not in the polar region where material was ejected much further from the Sun. That is also why comets from the supernova explosion have elongated elliptical orbits in the equatorial plane - not in polar orbits - about the Sun.

With kind regards, Oliver K. Manuel

Edited by Oliver K. Manuel on Oct 16, 2009 4:10 AM. Reason: spelling

▶ Reply to this comment ▶ Offensive? Unsuitable? Notify Editor

# 2 **s501100kross** Oct 16, 2009 5:44 AM

santa barbara, United States

#### Quote:

Originally posted by Oliver K. Manuel

...

An axial supernova explosion of the Sun gave birth to the solar system .

...

With kind regards,

Oliver K. Manuel

What are you talking about? The Sun went supernova to produce the solar system?

I don't think so. Maybe I slept through it!

Edited by s501100kross on Oct 16, 2009 6:24 AM.

▶ Reply to this comment ▶ Offensive? Unsuitable? Notify Editor

### 3 Oliver K. Manuel Oct 16, 2009 12:10 PM United States

### An axial supernova explosion of the Sun?

# Quote:

Originally posted by s501100kross

Quote:

Originally posted by Oliver K. Manuel

١...

An axial supernova explosion of the Sun gave birth to the solar system.

...

With kind regards,

Oliver K. Manuel

What are you talking about? The Sun went supernova to produce the solar system?

I don't think so. Maybe I slept through it!

You weren't alone!

Othere were sleeping with you while riding on a ball of dirt made of elements [Fe, O, Si, Ni, S] with high nuclear stability from near the supernova core.

The initial discoveries were made and published in 1975-1980.

With kind regards,

Oliver K. Manuel

▶ Reply to this comment ▶ Offensive? Unsuitable? Notify Editor

## 4 gunslingor Oct 16, 2009 1:38 PM United States

Quote:

# Originally posted by Oliver K. Manuel

Quote:

Originally posted by s501100kross

Quote:

Originally posted by Oliver K. Manuel

| ...

An axial supernova explosion of the Sun gave birth to the solar system

With kind regards,
Oliver K. Manuel

What are you talking about? The Sun went supernova to produce the solar system?

I don't think so. Maybe I slept through it!

You weren't alone!

Othere were sleeping with you while riding on a ball of dirt made of elements [Fe, O, Si, Ni, S] with high nuclear stability from near the supernova core.

The initial discoveries were made and published in 1975-1980.

With kind regards, Oliver K. Manuel

No No. The sun didn't go supernova, a near by star did during the early formation of the sun. This produced the heavy materials we are made of today. Our sun in predicted to never go supernova, it's not the right size nor temperature. A regular Nova is still possible I beleive.

▶ Reply to this comment ▶ Offensive? Unsuitable? Notify Editor

5 James Watson

Oct 16, 2009 2:38 PM

Let's call it Quetzalcoatl. Meaning "plumed serpent"

▶ Reply to this comment ▶ Offensive? Unsuitable? Notify Editor

G gardennova
Oct 16, 2009 9:37 PM
United States

#### Dr. Manuel's Comments

If you could restrain your skepticism for a short time and read the references cited by Dr. Manuel, you will find that they have some well thought out and scientifically plausible explanations as to why the solar system has the structure and composition that it has. I too had always been puzzled with why the solar system appeared to have been "distilled", with the heavier and radioactive elements close to the center and the light elements in the gas planets further out. I'm not sure I totally agree with all the claims, but they certainly are worthy of serious consideration, even though they may seem heretical to the usual "gravity-only, accretion, collapse" paradigm.

Best Regards,

R. Haynes

▶ Reply to this comment ▶ Offensive? Unsuitable? Notify Editor

Polestar101

#### Directions please.

Oct 16, 2009 9:50 PM

The author of the article was unspecific about the exact location of the ribbon. Is it in the general direction of the winter solstice where the Voyager data indicates the heliosphere has a bow wake - indicating our solar system is likely more bullet shaped than spherical? This would be nice to know. Is the "ribbon" mostly on plane with the plane of the solar system or? Does the general location correspond with theories concerning the assumed direction of the solar system?

▶ Reply to this comment ▶ Offensive? Unsuitable? Notify Editor

8 **thoughtful** Oct 20, 2009 7:23 AM Quote:

Originally posted by Polestar101

Does the general location correspond with theories concerning the assumed direction of the solar system?

See the \_second\_ diagram in the article located at:

www.universetoday.co...

▶ Reply to this comment ▶ Offensive? Unsuitable? Notify Editor

Home News Blog Multimedia In depth Jobs Events

Copyright Privacy Policy Disclaimer Terms and Conditions IOP Group Environmental Policy

All content News Blog In depth Events Companies Products