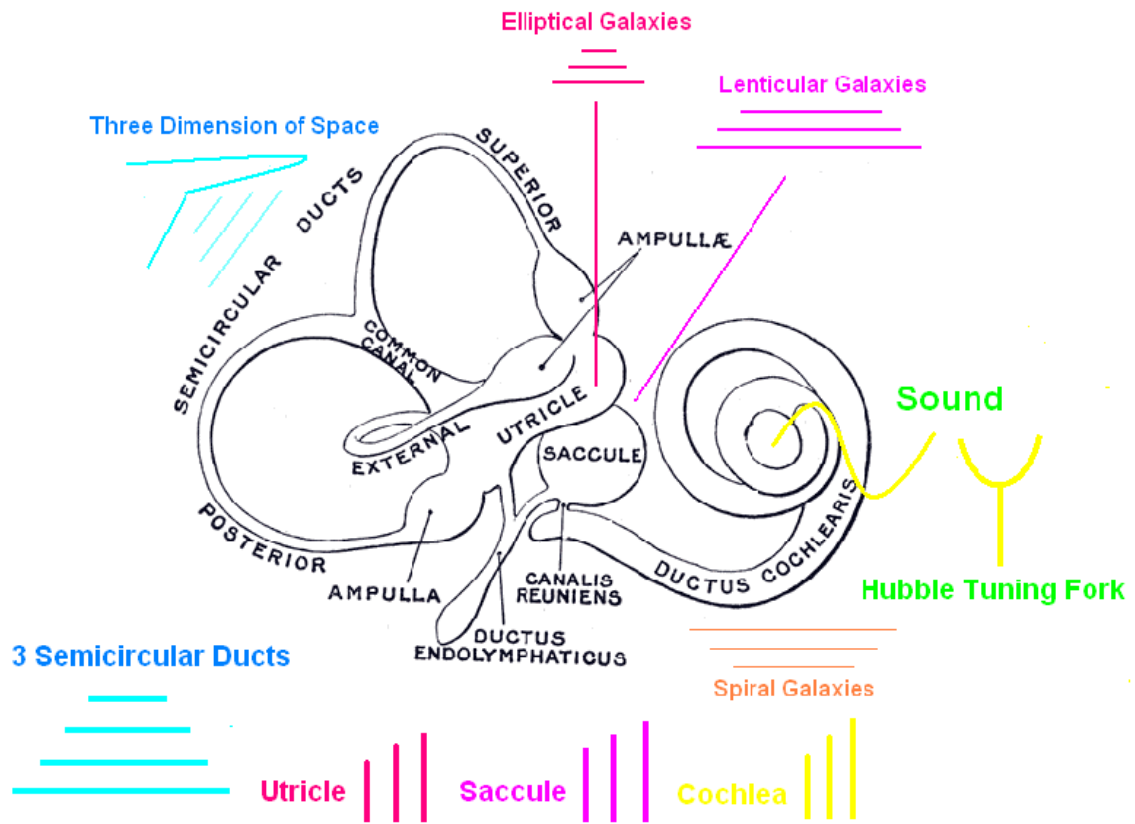


# Travel through Time by Riding the Sound



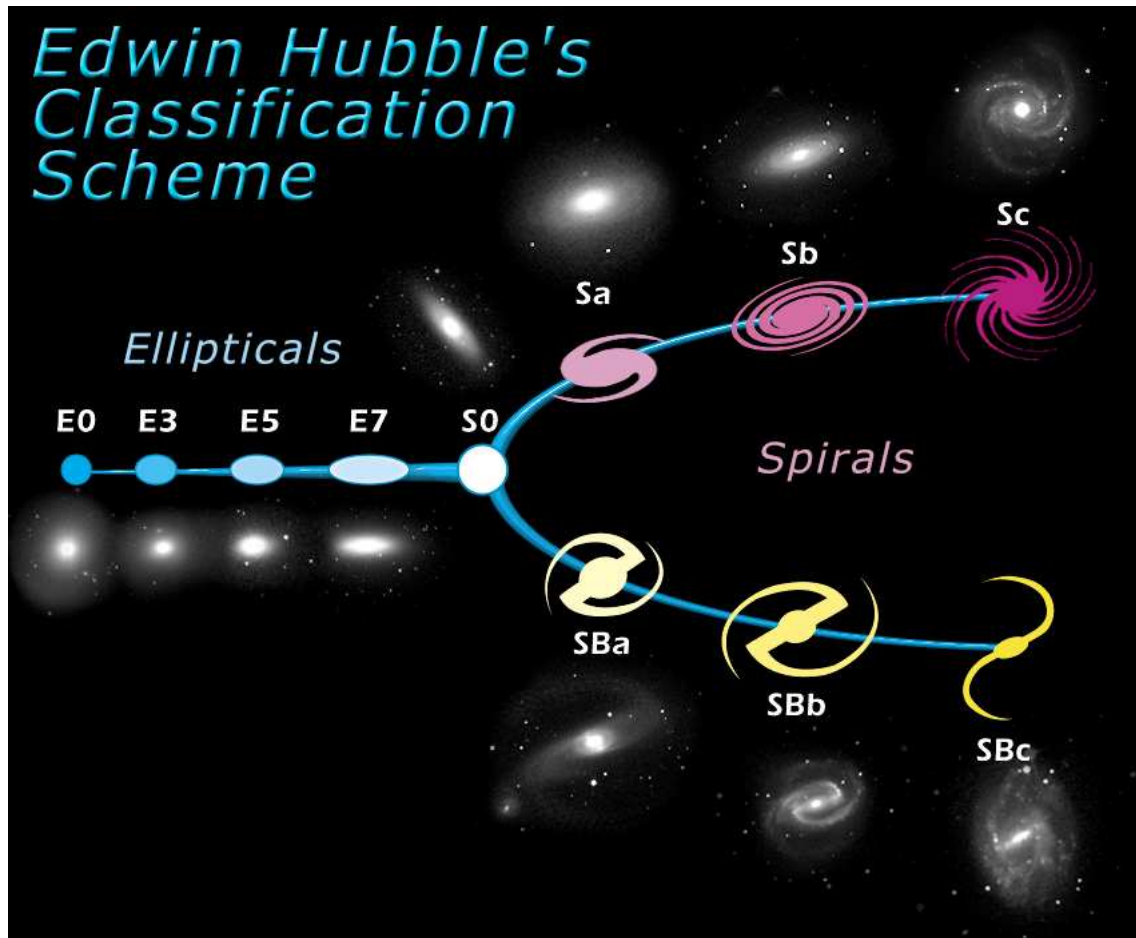
Prepared and designed by:  
Dr. Emad Kayyam

**This illustration shows how the galaxies in our Universe Spiral then Lenticular then Elliptical are arranged in Hubble sequence (Hubble tuning fork) since a very early time "big bang" until now in the same way that our bony connected spaces in the internal Ear, Cochlea (spiral in shape) then Saccule (Lenticular in shape) then Utricle (Elliptical in shape) are arranged the same sequence too.**

**Notice also that gravity is the only physical power that domain in this large scale of the universe and our internal Ear is the only organ of perception and sensor to this force "semi lunar canals, Utricle and saccule".**

**More over the 3-semilunar canals is the embryological origin to these bony connected spaces the same way these galaxies evolved from the 3- dimitions of space.**

**By: EMAD KAYYAM**



## Tuning-fork style diagram of the Hubble sequence

Hubble's scheme divides regular galaxies into 3 broad classes - ELLIPTICALS, LENTICULARS & SPIRALS - based on their visual appearance (originally on photographic plates). A fourth class contains galaxies with an irregular appearance. To this day, the Hubble sequence is the most commonly used system for classifying galaxies, both in professional astronomical research and in amateur astronomy.

Dear Sir...

Recently I finished my figured article: "Travel through Time by Riding the Sound".

This study tries to explain how contrary to the ordinary look that a travel through time needs a sound wave rather than a light beam by comparing the evolutionary process that happen in galaxies from the early to the late Universe by an insight and careful look to the internal Ear system in the human body.

Time travel is probably an act of consciousness, perhaps amplified by some machine. And since perception of sound is also a conscious activity, I cannot say that the sound sensory system is not related to the conscious activity related to time travel.

Although the particular mechanisms for connecting the two - time travel and sound perception is not clear yet to me, my figured article I think succeed in addressing how the coiled *Cochlea* {"spiral galaxy"} open into the spherical space of the *SACCULE* {"lenticular galaxy"} (which is demarcated by the spherical recess of the *SACCULE*) this space then open in the elliptical space of the *UTRICLE* {"Elliptical galaxy"} (demarcated by the elliptical recess of the *UTRICLE* ), this Utricle space then connect to the three *Semicircular Canal* {"three dimensional Space"} by five (5) opening in the same way that the above mentioned galaxies arranged in Hubble sequence from the early to the late Universe.

As the Universe "Space- time" appears to have a smooth space-time continuum consisting of three spatial dimensions and one temporal (time) dimension and as gravity is dominant at cosmological length scales; that is no other physical forces are believed to play any role in determining structures at the level of planets, stars, galaxies and larger-scale structures of the universe the article manage with special care the three semi lunar (semicircular) canals with its two other component the Saccule and Utricle in the inner ear which considered the gravity perception organ and pay attention that they are the embryonic origin which give rise to the cochlea in the same manner that the 3D space with its gravity give rise and delivered the spiral galaxies.

The three Semilunar canals, Utricle and Saccule are responsible for gravity perception and linear and vertical accelarations respectively.

I think this similarity in arrangements and mechanisms hide some thing related to the proceeding constructive steps that happen through time to our universe in a way that connect it with our internal ear system which consists from 3 semi lunar canals, utricle, saccule and cochlea.

Thank You Mush,

EMAD KAYYAM

**Re: Travel through Time by Riding the Sound**  
**Monday, April 6, 2009 9:58 PM**  
**From: "Rudy Schild" rschild@cfa.harvard.edu**  
**To: dremad\_kayyam@yahoo.com**

**Dear Emad Kayyam,**

**Your report, "Travel through Time by Riding the Sound" presents a challenge to me, because there is nothing really wrong with it that I can see, but it does not seem right either. I mean, we now are beginning to understand that time travel is probably an act of consciousness, perhaps amplified by some machine. And since perception of sound is also a conscious activity, I cannot say that the sound sensory system is not related to the conscious activity related to time travel. However, your report so far does not make the case that nature has produced a particular mechanism for connecting the two - time travel and sound perception.**

**The good news is that there is nothing technically wrong with the astronomical facts you describe, and your understanding of trends in modern astronomy is quite good. In particular, I liked your treatment of the dominant theory of cold dark matter, wherein you note in plain language what the theory proposes, and the fact that there are problems with predictions of the theory. So I consider the astronomical basis of your report to be sound.**

**But I do not know of any interdisciplinary program that would be interested in such an approach, since it is so far from accepted views. So I do not know to whom or how I could recommend you.**

**Perhaps it is sufficient for me to just send you the above statement, because ultimately you yourself will have to make this an acceptable approach and viewpoint. I am favorably impressed by your research and exposition, but I simply don't know what to do with the information.**

**My best wishes for your success.**

**--Rudy Schild-**

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**Re: Travel through Time by Riding the Sound**  
**Saturday, April 4, 2009 5:11 PM**  
**From: "Farouk El-Baz" farouk@bu.edu**  
**To: "Emad (M.O) Kayyam" dremad\_kayyam@yahoo.com**

**Dear Dr. Emad:**

**Many thanks for your message.**

**You really need to contact people in theoretical physics.  
This is a field that is so far removed from mine, I do not  
know its experts and where they would be.**

**It is best to consult the Internet for institutions and/or  
individuals in your field of interest. Good luck.**

**Farouk El-Baz**

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**Re: Travel through Time by Riding the Sound -Thank you**  
**Tuesday, April 28, 2009 6:02 PM**  
**From:" Rudy Schild" rschild@cfa.harvard.edu**  
**To:dremad\_kayyam@yahoo.com**

**Dear Emad,**

**Of course you would like me to tell you that you are wonderful, but I am not yet convinced that there is a connection from galaxies to sound. So to help firm up a discussion, I will comment on your individual paragraphs.**

**Me:**

**As Time travel is probably an act of consciousness, perhaps amplified by some machine, and since perception of sound is also a conscious activity, I can say that the sound sensory system is related to the conscious activity related to time travel if a certain mechanism is taking place.**

**Although the particular mechanisms for connecting the two time travel and sound perception is not clear yet to me, my figured article I think succeed in addressing an important observations that is very close to connect the two as follow:**

**Dr. Rudy Schild:**

**Of course sound has some relationship to consciousness, since the human brain processes both. However the primary mechanism of time travel is much more likely to be the brain's ability to be in what scientist/astronaut Dr. Edgar Mitchell calls "phase conjugate adaptive resonance." This means that the brain can directly process the quantum holograms that transfer information at super-luminal speeds throughout the universe. This processing is the very act of consciousness, and proceeds at 16 Hz and is seen as the brain's beta rhythm. I believe that it is this process that enables time travel.**

**We know from the Grateful Dead concerts that sound can put a mob of people into resonance with the universe, and similar phenomena are experienced with chanting in church prayer. So some sound processes are related to our communication with the universe, but I believe that the processing takes place more in the brain than in the ear. But I accept your point that the dark energy field may have a vortex component that might be processed by the spiral pattern in the ear. This is the direction that your inquiry is correctly taking.**

**Me:**

**The coiled Cochlea {"which is similar to the spiral galaxy"} open into the spherical space of the Saccule{"lenticular galaxy"} (which is demarcated by the spherical recess of the Saccule) this space then open in the elliptical space of the Utricle{"Elliptical galaxy"} (demarcated by the elliptical recess of the Utricle), this Utricle space then connect to the three Semicircular Canal{"three dimensional Space"} by five (5) opening in the same way that the above mentioned galaxies arranged in Hubble sequence from the early to the late Universe in a manner that represent an equipment that closely related to the sound; the tuning fork.**

**Dr. Rudy Schild:**

**I have trouble accepting that anatomy should be tied to the Hubble tuning fork diagram. Recall that when the galaxies were formed, there were only spirals and irregulars and perhaps S0 galaxies. The elliptical galaxies apparently formed later in the great clusters. It would be too big a conspiracy on nature's grandest scale to**

imagine that the ear formed structure to agree with the tuning fork diagram, with the important elliptical branch being formed in the late stages of the universe.

**Me:**

As the Universe "Space- time" appears to have a smooth space-time continuum consisting of three spatial dimensions and one temporal (time) dimension and as gravity is dominant at cosmological length scales; that is no other physical forces are believed to play any role in determining structures at the level of planets, stars, galaxies and larger-scale structures of the universe, the three semi lunar (semicircular) canals with its two other component the Saccule and Utricle in the inner ear which considered the gravity perception organ are the embryonic origin which give rise to the cochlea in the same manner that the 3D space with its gravity give rise and delivered the spiral galaxies.

**Dr. Rudy Schild:**

While gravity is the only force acting on mass bodies, we find that the ether-like dark energy probably is little affected. For example, we do not think that super massive black holes at centers of galaxies have a large concentration of dark energy, possible related to the negative gravity aspect of dark energy. Recall that dark energy was discovered when it was discovered that the universe was re-expanding, apparently in response to filling with dark energy. So dark energy has a gravity-related property, but seems also to be not strongly affected by ordinary gravity. But I don't know what conclusion to draw regarding the ear.

**Me:**

I think this similarity in arrangements and mechanisms hide some thing related to the proceeding constructive steps that happen through time to our universe in a way that connect it with our internal ear system which consists from 3 semi lunar canals, utricle, saccule and cochlea.

Thank You Mush again and once I find something I will contact you.

**EMAD KAYYAM**

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**Contact Information**

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**You Tube – KAYYAM2010 Channel**

**<http://www.youtube.com/user/KAYYAM2010>**