

THE PHYSICS OF THE DAY OF JUDGMENT

(1982)

*When sight is confounded, and the moon is eclipsed
And sun and moon are united. Qur'an 75:7-9)*

فَإِذَا بَرِقَ الْبَصَرُ ﴿٤﴾ وَخَسَفَ الْقَمَرُ ﴿٨﴾ وَجُمِعَ الشَّمْسُ وَالْقَمَرُ ﴿٩﴾ سُوْرَةُ الْقِيَامَةِ (75)



*A day when the heaven with the clouds will be rent asunder
And the angels will be sent down, a grand descent. (Quran:25:25)*

وَيَوْمَ تَشَقَّقُ السَّمَاءُ بِالْغَمَامِ وَنُزِّلَ الْمَلَائِكَةُ تَنْزِيلًا ﴿٢٥﴾ سُوْرَةُ الْفُرْقَانِ (25)

...And We gather them together, as to leave not one of them behind. (Qur'an18:47)

سُوْرَةُ الْكَهْفِ (18)

وَيَوْمَ نُسَيِّرُ الْجِبَالَ وَتَرَى الْأَرْضَ بَارِزَةً ۖ وَحَشَرْنَاهُمْ فَلَمْ نُغَادِرْ مِنْهُمْ أَحَدًا ﴿٢٤﴾

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THE PHYSICS OF THE DAY OF JUDGMENT

The belief that mankind will rise from the grave, an integral part of the three Abrahamic faiths Islam, Christianity, and Judaism, is not just a myth or wishful thinking but is based on real scientific principles. Rising up from the grave and coming back alive can happen simply with the reversal of time.

**When we are dead and have become dust and bones,
Shall then we indeed be raised again? (Quran 56:47)**

وَكَانُوا يَقُولُونَ أَإِذَا مِتْنَا وَكُنَّا تُرَابًا وَعِظَامًا إِنَّا لَمَبْعُوثُونَ ﴿٥٦﴾ سُورَةُ الْوَاقِعَةِ (56)

**Man thinks that, We shall not assemble his bones,
Yes truly! We are able to restore his very fingers! (Quran 75:3-4)**

أَيَحْسَبُ الْإِنْسَانُ أَلَّنْ نَجْمَعَ عِظَامَهُ ﴿٣﴾ بَلَىٰ قَدِيرِينَ عَلَىٰ أَنْ نُسَوِّيَ بَنَانَهُ ﴿٤﴾ سُورَةُ الْقِيَامَةِ (75)

With advancement in science and technology we tend to see the world from the critical eye of science. We see people dying but no one has returned from the dead to tell us about afterlife. Is it possible to really know that there is life after death other than religious belief? There is a surprising answer which we can have as science has advanced to the point that it is possible to look at the very basis of reality as we know it, the fabric of space and time.

There are many questions that arise in our minds. What happens to us on dying? What is soul? Does it leave the body to enter the spiritual world, which is beyond human perception in some other dimension? Are the souls reincarnated entering some other body to be recycled again as in the beliefs of some eastern religions? Is the soul captured and kept somewhere until the Day of Judgment to be reunited with the body that rises from the grave? **How can a body that had decayed and disappeared into dust regain its original shape and form?** We can believe what we wish; however the modern world is based on truthful pursuit of science. Truth cannot be decided on wishful thinking or majority vote; if that was the case then Columbus would have surely fallen off the earth in 1492.

We live in a world that demands proof and is not just content with belief. The belief or even the proof is only for the believer, as belief comes from within our hearts. The greatest of proofs will not satisfy the non-believer, while the slightest evidence can be a great source of comfort for the believer. In this context let us look at the story of Prophet Ibrahim (peace be on him) given in the Quran. (Chapter ii verse 260.) Prophet Ibrahim wanted to know how God gives life to the dead. He had the faith of a man who was willing to sacrifice his own son for the sake of God, yet he wanted reassurance; which then was given to him in the form of a great miracle. Ordinary people like us are also in need of reassurance in a world where science and technology have assumed greater importance than religion.

There is only one version of the Quran. It is the only religious book that even the critics of Islam admit was never altered since its revelation to Prophet Mohammed (Peace be upon him) fourteen hundred years ago. Scientific advancements have provided better understanding of many verses of the Quran that had appeared obscure in the past. The Quran accurately describes a variety of scientific facts that were discovered in the last one hundred years. For the Muslims this is one of the many reasons that the Quran is truly a revealed book.

Many verses in the Quran describe the future of the universe and The Day of Judgment. The event being depicted is not some local or earthly event caused by atomic war or natural disaster. The verses appear to describe some great final catastrophe that will affect the whole universe. There is mention of the final earthquake, the darkening of the stars and the sun, the opening of gates in the sky and **"a time" in which mankind will see what they had done before so that they will become witnesses against their own selves. Quran appears to be describing reversal of time and gravity.**

**We warn you of doom at hand.
A day when a man will look on that his own hand has sent before,
And the non-believers will cry: "Wish that we were dust." (Qur'an 78:40)**

سُورَةُ النَّبَاِ (78)

إِنَّا أَنْذَرْنَكُمْ عَذَابًا قَرِيبًا ۖ يَوْمَ يَنْظُرُ الْمَرْءُ مَا قَدَّمَتْ يَدُهُ وَيَقُولُ الْكَافِرُ يَلَيْتَنِي كُنْتُ تُرَابًا ﴿٧٠﴾

(Qur'an 69 14)

The earth with the mountains shall be lifted and crushed with one crash.

وَحُمِلَتِ الْأَرْضُ وَالْجِبَالُ فَدُكَّتَا دَكَّةً وَاحِدَةً ﴿١٤﴾ سُورَةُ الْحَاقَّةِ (69)

The contraction of the universe **with reversal of time and gravity** will commence the beginning of the end which may last for thousands and possibly millions of years. We will be removed from the regressing effects of reversed time as we come back alive at the point in time which we had died. A beautiful natural mechanism similar to black holes will create openings or gates in the sky and we will be taken across many dimensions to beyond this universe by the angels of the Grand descent. Everyone will be removed no one will be left behind.

**A day when the heaven with the clouds will be rent asunder
And the angels will be sent down, a grand descent. (Quran:25:25)**

وَيَوْمَ تَشْقُقُ السَّمَاءُ بِالْغَمَامِ وَنُزِّلَ الْمَلَائِكَةُ تَنْزِيلًا ﴿٢٥﴾ سُورَةُ الْفُرْقَانِ (25)



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IS RESURRECTION A PHYSICAL PROCESS?

**It is God, Who sends the winds and they raise a cloud,
Then leads it to a dead land and revives the earth after its death.
Such is the Resurrection. (Qur'an 35:9)**

سُورَةُ فَاطِرٍ (35)

وَاللَّهُ الَّذِي أَرْسَلَ الرِّيحَ فَتُثَوِّبُ سَحَابًا فَسُقْنَاهُ إِلَى بَلَدٍ مَيِّتٍ فَأَحْيَيْنَا بِهِ الْأَرْضَ بَعْدَ مَوْتِهَا ۚ كَذَلِكَ النُّشُورُ ﴿٩﴾

Above the resurrection of the dead is compared to physical processes which are based on laws of nature like the growth of plants after rain; this suggests that revival after death is also based on some physical laws. We know that the energy from the sun heats up the oceans and water vapor rises to produce the clouds. Temperature differences cause the winds to blow across the continents carrying clouds to distant lands. Dormant seeds sprout into new plants with life giving rain fall even in the harshest of places. Sometimes in the future as our knowledge of the universe, increases the reality of "The Day of Judgment" may become widely accepted as the truth. Verses in the Quran suggest that the knowledge of the Day of Judgment is within the grasp of human understanding and mankind will become aware of this knowledge.

**We shall show them our signs on the horizons and within themselves,
Until it will become apparent to them, that it is the truth...(Qur'an 41:53)**

(41) **قُضِّلَتْ**

سُرِّيهِمْ أَيْنَمَا فِي الْأَفَاقِ وَفِي أَنْفُسِهِمْ حَتَّى يَتَبَيَّنَ لَهُمْ أَنَّ الْحَقَّ أَوْلَمَ يَكْفِ بِرَبِّكَ إِنَّهُ عَلَى كُلِّ شَيْءٍ شَهِيدٌ (53)

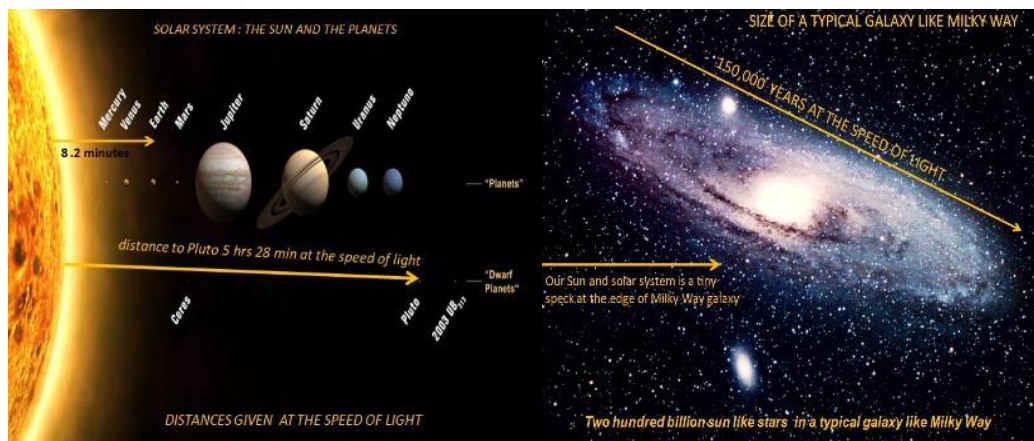
THE TRULY TREMENDOUS UNIVERSE

The creation of the heavens and the earth is definitely a greater thing than creation of mankind, however, most of mankind knows not. (Qur'an 40:57)

لَخَلْقُ السَّمُوتِ وَالْأَرْضِ أَكْبَرُ مِنْ خَلْقِ النَّاسِ وَلَكِنَّ أَكْثَرَ النَّاسِ لَا يَعْلَمُونَ (40) **عَفَّافٌ**

The extent and majesty of the universe is truly tremendous and it gives us a glimpse of the tremendous power of Allah (SWT). **The circumference of our planet earth is about forty thousand kilometers, which is a distance that light, can travel seven times in one second.** As the distances become larger the numbers however become mind boggling. The universe is so vast that the distances between stars and galaxies have to be measured in "**light years,**" which is the distance traveled by light in a year at the speed of three hundred thousand kilometers per second.

Our solar system consists of the earth and eight other planets that are orbiting around a star that we call the sun. The distance between earth and sun is eight minutes at the speed of light. The distance to the furthest planet Pluto is five hours and twenty eight minutes at the speed of light, compared to this, the nearest star from the earth other than our sun, is four light years away.



PLANETS AROUND A STAR LIKE OUR SUN

200 BILLION STARS IN A GALAXY

Our galaxy of Milky Way includes the sun its orbiting planets along with **two hundred billion other stars**. At the edge of Milky Way galaxy our sun is just a tiny speck among billions of other stars. The Milky Way, like most other galaxies is so large that **traveling at the speed of light; it would take one hundred and fifty thousand years to go from one side of it to the other**. The galaxies on the average are separated from each other by about ten million light years. **There are over 500 hundred billion galaxies in the truly gigantic universe.**



OVER 500 BILLION GALAXIES IN THE UNIVERSE

Are we the only intelligent life form in this vast universe? Astronomers believe that there are innumerable habitable planets like earth in the universe. Quran tells us that there are many other earths where God's commandments are coming slowly (or one after another) which is expected as these earths mature at different times. In the following verses of the Quran other heavens and earths are mentioned. The word seven is used to denote a very large number more like infinite.

**God it is who has created seven heavens, and similar number of the earths.
The commandments come down among them slowly..... Quran 65:12**

سُورَةُ الطَّلَاقِ (65)
 اللَّهُ الَّذِي خَلَقَ سَبْعَ سَمَوَاتٍ وَمِنَ الْأَرْضِ مِثْلَهُنَّ يَتَنَزَّلُ الْأَمْرُ بَيْنَهُنَّ
 لِنَعْلَمَ أَنَّ اللَّهَ عَلَى كُلِّ شَيْءٍ قَدِيرٌ وَأَنَّ اللَّهَ قَدْ أَحَاطَ بِكُلِّ شَيْءٍ عِلْمًا ﴿١٢﴾

THE BEGINNING OF THE UNIVERSE: THE BIG BANG

Qur'an 21:30

**Have not "those who disbelieve" known that heavens and earth were of one piece,
We parted them and, We made every living thing of water, will they not then believe?**

سُورَةُ الْأَنْبِيَاءِ (21)
 أَوَلَمْ يَرِ الَّذِينَ كَفَرُوا أَنَّ السَّمَوَاتِ وَالْأَرْضَ كَانَتَا رَتْقًا فَفَتَقْنَاهُمَا وَجَعَلْنَا مِنَ الْمَاءِ كُلَّ شَيْءٍ حَيٍّ أَفَلَا يُؤْمِنُونَ ﴿٣٠﴾

The universe came into existence billions of years ago. This event is called the "The big bang. It is clearly mentioned in the Quran 1400 years ago that the discovery of "The Big Bang" and that of "The aquatic origin of life" will be made by the non-Muslims, ("those who disbelieve"). In the beginning all the matter and space (heavens) was at one point (one piece). Then everything was separated in what the physicists describe as "The big bang." The evidence that the universe began in the "The big bang" is so overwhelming that it is now considered a fact and not just a theory.

THE RECEDING GALAXIES: THE EXPANSION OF THE UNIVERSE

The galaxies other than our "milky way" are moving away from us at tremendous speeds. This is ascertained by analyzing the light given off by the galaxies by an instrument called the spectroscope. The more distant a galaxy is the greater is its speed of recession. This motion of the galaxies is due to the expansion of the universe. The universe began about fifteen to twenty billion years ago with a tremendous explosion called "The big bang" and has been expanding ever since. The universe is not just a sphere of galaxies rushing away from each other into unending emptiness of space. It can be compared to a balloon with many dots on it, each representing a galaxy. However, the surface of this balloon, which is two dimensional, represents all three dimensions of our space, and is expanding into a higher dimension, that is beyond our imagination. The expansion of the universe is clearly mentioned in the following verses of the Quran:

The heavens, We have built with power, And We are expanding it. (Qur'an 51:47)

وَالسَّمَاءَ بَنَيْنَاهَا بِأَيْدٍ وَإِنَّا لَمُوسِعُونَ ﴿٥١﴾ سُورَةُ الدَّارِيَّاتِ (51)

THE ACCELERATING EXPANSION

"THE PHYSICS OF THE DAY OF JUDGMENT" is based on the concept that the expansion of the universe (space) is the cause of the "phenomenon of time." **If this is true then as the expansion of the universe slows it will paradoxically appear to be expanding faster** as we try to measure the expansion rate of the distant space with our local earthly time which is slowing down. **This anomaly of faster expansion was discovered by two groups of astronomers in 1998.** Another group of scientists from the University of the Basque Country in Bilbao, and Spain's University of Salamanca believe that **slowing of our time** is causing us to mistakenly interpret these measurements as accelerated expansion of the universe.

It should be noted that we cannot measure or notice slowing of time locally, however if our time is slowing then if we look into the distant space where light is coming to us from billions of years ago we will see evidence for a faster time in the past. This is what astronomers are observing when they talk of accelerating expansion of space. A faster expansion in distant past means slowing of our time and slowing of expansion of space locally.

The slowing of expansion will eventually cause time to stop and then time will reverse when the universe starts contracting. The Quran clearly supports this scenario in the following verses in which contraction of the universe is compared to the rolling up of a scroll and also suggests that the process of creation will be repeated.

**"The day" when, We shall roll up the heavens as a recorder rolls up a written scroll.
As We began the first creation We shall repeat it. (Qur'an 21:104)**

يَوْمَ نَطْوِي السَّمَاءَ كَطَيِّ السِّجِلِّ لِلْكُتُبِ ۚ كَمَا بَدَأْنَا أَوَّلَ خَلْقٍ نُعِيدُهُ وَعْدًا عَلَيْنَا ۚ إِنَّا كُنَّا فَاعِلِينَ ﴿١٠٤﴾ سُورَةُ الْأَنْبِيَاءِ (21)

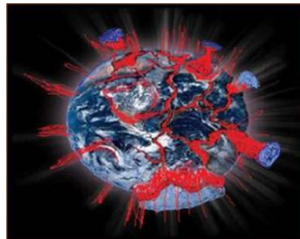
REVERSAL OF GRAVITY AND TRANSFORMATION OF EARTH

Qur'an 99: 1

When earth is shaken with her final earthquake.

إِذَا زُلْزِلَتِ الْأَرْضُ زِلْزَالَهَا ﴿١﴾ سُورَةُ الزَّلْزَلَةِ (99)

Time and gravity are closely linked. Unlike electricity and magnetism gravity is only an attractive force. There is no repulsive gravity in the expanding universe in which we live now. Some physicists feel that in the contracting universe time can reverse if gravity also reverses. **Quran appears to be describing both the reversal of time and gravity.** The reversal of gravity will cause it to become a repulsive force; this will cause the earth to literally explode. The mountains will fall apart and red-hot lava will be thrown out lighting up the sky like molten copper.



The earth with the mountains shall be lifted and crushed with one crash. (Qur'an 69:14)

وَحُمِلَتِ الْأَرْضُ وَالْجِبَالُ فَدُكَّتَا دَكَّةً وَاحِدَةً ﴿١٤﴾ سُورَةُ الْحَاقَّةِ (69)

When the sky will be like molten copper and the hills will be like flakes of wool. (Quran:70:8-9)

يَوْمَ تَكُونُ السَّمَاءُ كَالْمُهْلِ ﴿٨﴾ وَتَكُونُ الْجِبَالُ كَالْعُفْفِ ﴿٩﴾ سُورَةُ الْمَعَارِجِ 70

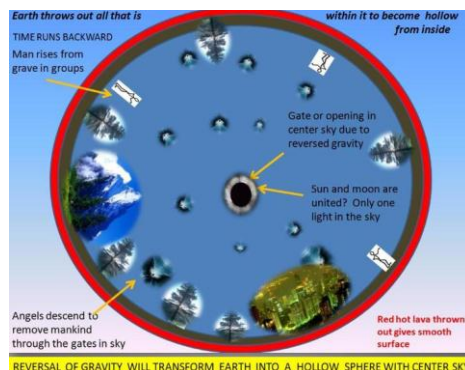
EARTH: "EMPTY" FROM INSIDE WITH THE SKY IN ITS CENTER

The reversal of gravity will cause the earth to throw out all the mass inside it to become completely empty. This will transform earth into a massive hollow structure with sky trans-located to its center.

And when the earth is spread out

And hath cast out all that was in her, and is empty (Quran 84:3-4),

وَإِذَا الْأَرْضُ مُدَّتْ ﴿٣﴾ وَأَلْقَتْ مَا فِيهَا وَتَخَلَّتْ ﴿٤﴾ سُورَةُ الْاِنْشِقَاقِ (84)



This change in the earth and the sky is again mentioned in the following verses. All these are certainly extraordinary happenings and are a reflection of the extraordinary event of the "The Day of Judgment."

Qur'an Chapter 14 Verse 48

***On the day when the earth will be changed to other than this earth and the heavens also
And they will come forth unto God, The One The Almighty.***

يَوْمَ تُبَدَّلُ الْأَرْضُ غَيْرَ الْأَرْضِ وَالسَّمُوتُ وَبَرُّوْا لِلَّهِ الْوَاحِدِ الْقَهَّارِ ﴿٢٨﴾ **سُورَةُ إِبْرَاهِيمَ (14)**

THE SMOOTH OUTER SURFACE OF THE EARTH

As the earth explodes and throws out all the liquid lava which is inside it now, its outer surface will become glassy smooth lava plain without any mountains, hills, valleys or any kind of unevenness.

Qur'an 20:105-107

***They will ask about the mountains, say: My Lord will break them into scattered dust
And leave it (earth) as an empty plane, so you see neither curve nor ruggedness.***

وَيَسْأَلُونَكَ عَنِ الْجِبَالِ فَقُلْ يَنْسِفُهَا رَبِّي نَسْفًا ﴿١٠٥﴾ فَيَذَرُهَا قَاعًا صَفْصَفًا ﴿١٠٦﴾ لَا تَرَى فِيهَا عِوَجًا وَلَا أَمْتًا ﴿١٠٧﴾ **سُورَةُ طه (20)**

THE REVERSAL OF TIME AND RISING FROM THE GRAVES

Time is one of the most elusive mysteries of the universe. Time passes slowly within moving objects; slowing progressively at speeds close to that of light and stops altogether at the speed of light. Time also slows near massive objects like earth, sun, neutron stars where expansion of space is slower, and almost stops inside the super massive stars "the black holes," where the expansion of space would have almost stopped linking time to the expansion of the universe.

Time has a direction, it always moves towards the future. We see rain falling from the sky, objects breaking up, people getting older, and people dying. We do not see a glass becoming "unbroken" or anyone returning from the dead. That could happen only if time ran backwards. **Some physicists like Michael Berry, Thomas Gold, and Steven Hawking have proposed that time may reverse when the universe begins to contract.** Verses in the Quran suggest that one day the universe will start contracting and this will coincide with beginning of the Day of Judgment **when all life will be recreated with the reversal of time.**

***"The day" when, We shall roll up the heavens as a recorder rolls up a written scroll.
As We began the first creation We shall repeat it. (Quran: 21, 104)***

يَوْمَ نَطْوِي السَّمَاءَ كَطَيِّ السِّجِلِّ لِلْكُتُبِ ﴿٢١﴾ كَمَا بَدَأْنَا أَوَّلَ خَلْقٍ تُعِيدُهُ وَعْدًا عَلَيْنَا إِنَّا كُنَّا فَاعِلِينَ ﴿١٠٤﴾ **سُورَةُ الْأَنْبِيَاءِ (21)**

In the above verse, "The Day" means The Day of Judgment and the contraction of the universe, is compared to the closing of a scroll. This is when time and gravity will reverse. **Earth would then transform into a hollow sphere with sky towards its center. Mankind will rise from the grave inside this transformed earth and come back alive.** Every event will be replayed again as everything has been recorded in time.

**This book pronounces against you with truth
We have caused (all) you did to be recorded (In time). Qur'an 45:29**

هَذَا كِتَابُنَا يُنطِقُ عَلَيْكُمْ بِالْحَقِّ إِنَّا كُنَّا نَسْتَنْسِخُ مَا كُنْتُمْ تَعْمَلُونَ ﴿٢٩﴾ سُورَةُ الْجَاثِيَةِ (45)

**And there is nothing hidden in the heavens, or the earth,
But it is a clear record (in time). (Quran 27:75)**

وَمَا مِنْ غَائِبَةٍ فِي السَّمَاءِ وَالْأَرْضِ إِلَّا فِي كِتَابٍ مُبِينٍ ﴿٤٨﴾ سُورَةُ النَّمْلِ (27)

As the history of earth runs backwards through time, nations will return one after another. All the good and evil deeds of the individuals as well as that of the nations will be completely exposed as time reversal occurs.

**And you will see each nation humbled, each nation called to its record.
And it will be said to them: This day you are repaid for what you used to do. Qur'an 45:28**

وَتَرَى كُلَّ أُمَّةٍ جَاثِيَةً كُلُّ أُمَّةٍ تُدْعَى إِلَى كِتَابِهَا الْيَوْمَ تُجْزَوْنَ مَا كُنْتُمْ تَعْمَلُونَ ﴿٢٨﴾ سُورَةُ الْجَاثِيَةِ (45)

The playing back of time will cause people to anticipate and see what they had done previously. They will have no control over their hands, feet, mouths, and eyes. All the wrong and right things that were done before by them will be repeated again. In this sense, tongues, hands, and feet, will become witnesses against them in front of the angels and God, and they will not be able to deny any of their wrong doings.

**On the day when their tongues and their hands and their feet
Testify against them as to what they used to do. Qur'an 24:24**

يَوْمَ تَشْهَدُ عَلَيْهِمْ أَلْسِنَتُهُمْ وَأَيْدِيهِمْ وَأَرْجُلُهُمْ بِمَا كَانُوا يَعْمَلُونَ ﴿٢٣﴾ سُورَةُ النُّورِ (24)

**We warn you of doom at hand. A day when a man will look on that his own hand has sent before,
and the non-believers will cry: "Wish that we were dust." (Qur'an 78:40)**

سُورَةُ النَّبَاِ (78)

إِنَّا أَنْذَرْنَاكُمْ عَذَابًا قَرِيبًا يَوْمَ يَنْظُرُ الْمَرْءُ مَا قَدَّمَتْ يَدَاهُ وَيَقُولُ الْكَافِرُ يَلَيْتَنِي كُنْتُ تُرَابًا ﴿٤٠﴾

**And, the messengers are brought into their time appointed. (Qur'an 77: 11)
(The prophets will be returned into their time as time runs backwards)**

وَإِذَا الرُّسُلُ أَقْبَتَتْ ﴿١١﴾ سُورَةُ الْمُرْسَلَاتِ (77)

NO FREE WILL IN THE CONTRACTING UNIVERSE

Man is given free will and the criteria of right and wrong to choose between good and evil in the expanding universe, that is, when all his deeds are recorded in time. In the contracting universe time will be playing back therefore there will be no free will. No one will have power to do harm or good to others, or change anything that they had done in their previous earthly life.

**A day when no soul has power at all over any other soul,
The absolute command on that day is God's. Qur'an 82:19**

يَوْمَ لَا تَمْلِكُ نَفْسٌ لِنَفْسٍ شَيْئًا وَالْأَمْرُ يَوْمَئِذٍ لِلَّهِ ﴿١٩﴾ سُورَةُ الْانْفِطَارِ (82)

WILL WE REGRESS TO NOTHINGNESS WITH THE REVERSAL OF TIME?

To an inquiring mind, it may occur that the reversal of time can cause us to rise from the grave and become alive again. If this process remained unchecked then we will continue to grow younger, pass through our childhood and regress into nothingness in our mother's wombs. This is also what time reversal theories say, again a purposeless exercise.

Well not quite so! The thought of the great and final earthquake may instill fear into our hearts, but the real purpose is to make the higher dimensions accessible for escape from the collapsing universe and the regressive effect of time reversal. Allah has designed the universe with great precision. After the resurrection, arrangements have been made, to escape the unrelenting effect of time reversal, to beyond this universe. Portals or gates will open in the sky, a concept similar to the black holes. To understand this peculiar phenomenon we will briefly look at the concept of higher dimensions.

THE HIGHER DIMENSIONS

Mathematically there are an infinite number of dimensions, we however live in a three dimensional space. Every object in our daily lives has a length, width, and height. The concept that there are more than three dimensions is difficult to imagine. Higher dimensions do exist as it can be shown that intense gravity near the sun causes the space to curve in an extra higher dimension. Einstein considered this for the first time and was able to accurately calculate the orbit of the inner planet Mercury. Einstein's theory of general relativity and all modern particle theories of physics are based on the concept of higher dimensions.

We may gain some insight into the concept of higher dimensions by studying the conceptual problems faced by people in the past. There was a time when people believed that the earth is flat. They were afraid of the possibility of falling off the earth if they traveled too far. This cannot happen because the surface of the earth is curved and continuous like that of a sphere. To get off the earth we just need to move in a dimension (direction) that is perpendicular to the surface. That is straight up, from anywhere we are. We face a similar conceptual problem in understanding the higher dimensions. We may imagine that we can leave the universe only by traveling very far, but that is also not true. Even if we traveled billions of miles, we will remain within the confines of our three dimensional space.

The only way to go beyond the universe is by moving into a higher dimension in a direction that is perpendicular to our three dimensional space, right from where we are. In the present expanding universe this is not possible, as our space is not continuous with the higher dimensions. For that to happen, our space will have to literally be torn apart first and then be connected to the higher dimensions. This can happen in the center of the black holes.

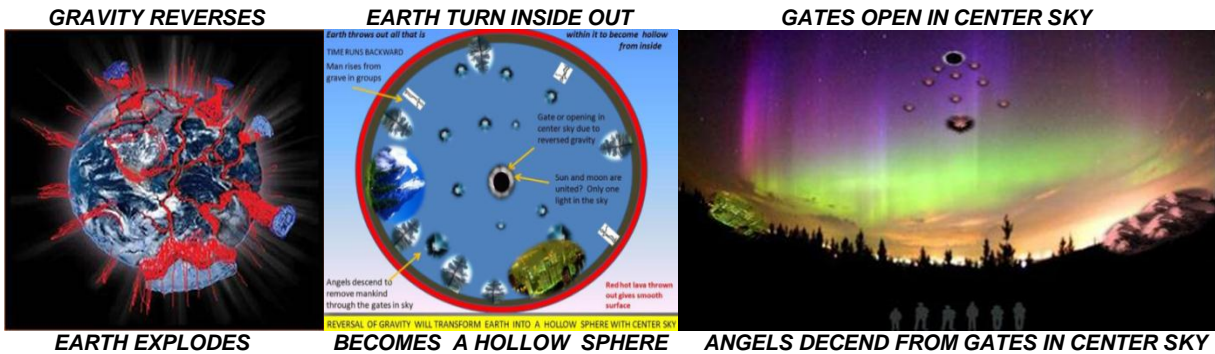
And heaven is opened and becomes as gates. (Qur'an 78:19)

وَفُتِحَتِ السَّمَاءُ فَكَانَتْ أَبْوَابًا ﴿١٩﴾ سُورَةُ النَّبَا (78)

THE BLACK HOLES: "THE BLOCKED GATEWAYS" TO THE HIGHER DIMENSIONS

The opening of gates in the sky is a concept similar to that of black holes. Such openings can be the gateways to beyond the universe through the higher dimensions. Massive stars, which collapse due to gravity under their own weight, can curve space to form black holes. Gravity in such objects is so strong that even light cannot escape and they become invisible; hence, the name black holes. Some physicists believe that space-time may be ripped apart in the black holes, producing gateways to beyond this universe. **The curvature producing mass of the black hole in our present expanding universe however also blocks the opening**, thus preventing anything from escaping to the higher dimensions.

TRANSFORMATION OF EARTH AND TRANSLOCATION OF SKY



**On the day when the earth will be changed to other than this earth
And the heavens also..... (Qur'an 14:48)**

يَوْمَ تُبَدَّلُ الْأَرْضُ غَيْرَ الْأَرْضِ وَالسَّمُوتُ وَبَرَزُوا لِلَّهِ الْوَاحِدِ الْقَهَّارِ ﴿٣٨﴾ سُورَةُ إِبْرَاهِيمَ (14)

In the contracting universe, the problem of **blocked black holes should not exist**. The reversal of gravity in the contracting phase will change all large masses like earth and planets into **massive hollow structures with empty skies in their center**. In the expanding universe time appears to be linked to the expansion of space and gravity tends to slow the expansion. In the contracting universe time will be linked to the contraction of space and **the gravity of the earth that is focused toward its center sky will cause the space to contract faster**. This will cause faster passage of time leading to further faster contraction of space a **runaway effect** causing fabric of space-time to be torn apart, forming portals or gateways to the higher dimensions. The weakness of space time in the contracting universe is mentioned in the following verses:

The heavens will split asunder, for on that day it will be frail. Qur'an 69:16

وَانشَقَّتِ السَّمَاءُ فَهِيَ يَوْمَئِذٍ وَاهِيَةٌ ﴿١٦﴾ سُورَةُ الْحَاقَّةِ (69)

WHEN SIGHT IS CONFOUNDED

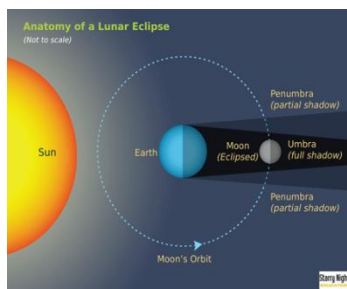
Mankind will rise from the grave inside the hollow structure of the earth to observe many strange things. (**When sight is confounded.**) Both the sun and the moon will not be visible from within the hollow earth; however the scene will be that of a lunar eclipse as there will be reduced light due to complete absence of the sun. The moon will be completely hidden from view **being located outside the earth's hollow structure. (The moon is eclipsed.)** The gateways to beyond the universe will form in the center-sky, and will be visible continuously as a single light. This may cause us to wonder whether the sun and the moon have become one: (**The sun and moon are united**). It is interesting how this dilemma is mentioned in the following verses in the Quran beginning with "When sight is confounded," indicating that what will be seen will be confusing.

**When sight is confounded, and the moon is eclipsed (hidden from view),
And sun and moon are united. (Appear as one light) Qur'an 75:7-9)**

فَإِذَا بَرِقَ الْبَصَرُ ﴿٧﴾ وَخَسَفَ الْقَمَرُ ﴿٨﴾ وَجُمِعَ الشَّمْسُ وَالْقَمَرُ ﴿٩﴾ سُورَةُ الْقِيَامَةِ (75)

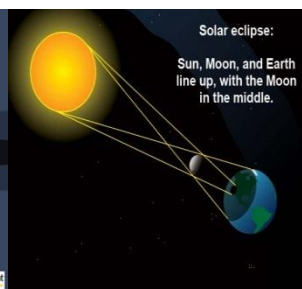
ECLIPSES AND THE DAY OF JUDGMENT SCENARIO

A LUNAR ECLIPSE



EARTH IN THE MIDDLE

A SOLAR ECLIPSE



MOON IN THE MIDDLE

JUDGMENT DAY: THE APPEARANCE IS OF A LUNAR ECLIPSE



ONE LIGHT CONSTANTLY IN THE CENTER SKY

During a lunar eclipse the earth casts a shadow on the moon however the **sun and moon are not united** as sun is on the opposite side of the earth. While in a solar eclipse moon blocks the light of the sun by coming in front of it and sun and moon may appear to merge (united) in the sky **but it is the sun that is eclipsed**. The description in the above verses does not fit either the lunar or solar eclipse. **The verses can be explained only by the unusual observation from within the hollow earth on the Day of Judgment** when only one light will be continuously present in the center sky representing the openings to the beyond. The light will not move across the sky as sun and moon normally do and it will appear that sun and moon have become one. The twilight appearance will give a scenario of a lunar eclipse. Similarly the stars will also disappear from the sky as they will not be visible from within the hollow structure of the earth.

When the stars are put out. Qur'an 77:8

فَإِذَا النُّجُومُ طُمِسَتْ ﴿٨﴾ سُورَةُ الْمُرْسَلَاتِ (77)

ANGELS DESCEND THROUGH THE GATES IN THE SKY

As the reversed gravity in the contracting universe opens gates in the center-sky of the hollowed earth, a spectacular site will be seen (**a grand descent**) as thousands of angels descend down to accomplish the task assigned to them on the Day of Judgment.

A day when the heaven with the clouds will be rent asunder
And the angels will be sent down, a grand descent. Quran 25:25

وَيَوْمَ تَشَقَّقُ السَّمَاءُ بِالْغَمَامِ وَنُزِّلَ الْمَلَائِكَةُ تَنْزِيلًا ﴿٢٥﴾ سُورَةُ الْفُرْقَانِ (25)

THE FINAL JOURNEY TO THE BEYOND

The collapsing universe will ultimately be destroyed in a fireball which physicists call the "Big Crunch." Everyone will be gathered much before that time comes and no one will be left behind. The angels of "The grand descent" may accomplish the gathering and removal of humans to "The beyond". Anyone remaining behind could regress to nothingness, as time will be running backwards.

Think of the day when We remove the hills, and you see the earth emerging and
We gather them together, as to leave not one of them behind. Qur'an 18: 47

سُورَةُ الْكَهْفِ (18)

وَيَوْمَ نُسَيِّدُ الْجِبَالَ وَتَرَى الْأَرْضَ بَارِزَةً ﴿١٨﴾ وَحَشَرْنَاهُمْ فَلَمْ نُغَادِرْ مِنْهُمْ أَحَدًا ﴿٢٤﴾

In our final journey through the gates that will open in the center sky, we may cross many planes or dimensions. The word **"ride"** is used in the Quran, as if this journey will be accomplished by **riding on "something."**

That you shall "ride" on from plane to plane. Qur'an: 84:19

لَتَرْكَبُنَّ طَبَقًا عَنْ طَبَقٍ ﴿١٩﴾ سُورَةُ الْاِنْشِقَاقِ (84)

As we leave this universe we may be collected together on some vast plane in another dimension, everyone will come from all times and places in history to face the judgment of their deeds and heaven and hell.

WHEN WILL THE DAY OF JUDGMENT ARRIVE?

Men ask you of the Hour, Say the knowledge of it is with Allah only, What can convey to you that may be the Hour is near. (Qur'an 33:63)

يَسْأَلُكَ النَّاسُ عَنِ السَّاعَةِ قُلْ إِنَّمَا عِلْمُهَا عِنْدَ اللَّهِ وَمَا يُدْرِيكَ لَعَلَّ السَّاعَةَ تَكُونُ قَرِيبًا ﴿٦٣﴾ سُورَةُ الْأَحْزَابِ (33)

They bid you to hasten on the doom.

And if a term had not been appointed, the doom would have definitely come on them.

And it will come upon them suddenly when they perceive not. (Qur'an 29:53)

وَيَسْتَعْجِلُونَكَ بِالْعَذَابِ وَلَوْلَا أَجَلٌ مُّسَمًّى لَّجَاءَهُمُ الْعَذَابُ وَلَيَأْتِيَنَّهُمْ بَغْتَةً وَهُمْ لَا يَشْعُرُونَ ﴿٥٣﴾ الْعَنَكَبُوتِ (53)

Superficially, it seems that if we knew the rate at which the expansion of the universe is slowing, then we should be able to predict when the Day of Judgment will begin. However, if time is related to the expansion of space, we cannot observe the slowing of the expansion. This would be like attempting to measure the speed of a car with a clock that is connected to its wheels, so that the speed of time would depend on the speed of the car. If the car slowed-down the time will also slowdown and speed of the car would always appear the same. Similarly as the expansion of the universe slows time and motion will also slowdown and the rate of expansion will appear the same.

The threatened hour is near; none beside God can disclose it.

Are you surprised then at this statement? (Qur'an 53:57-59)

أَزِفَتِ الْأَزِفَةُ ﴿٥٧﴾ لَيْسَ لَهَا مِنْ دُونِ اللَّهِ كَاشِفَةٌ ﴿٥٨﴾ أَفَعَمَّ هَذَا الْحَدِيثِ تَعْجَبُونَ ﴿٥٩﴾ سُورَةُ النَّجْمِ (53)

Paradoxically the far-reaches of space may even seem to expand faster when measurements are made with our local slowing time, and this anomaly was discovered by two groups of astronomers in 1998. The nature of time is such that slowing of time cannot be perceived locally. This of course means that the beginning of the Day of Judgment cannot be predicted and may come at any time. Only God, who is beyond our time, knows of the real timing of the Day of Judgment.

PERCEPTION OF TIME AFTER DEATH

In the Quran, the soul is compared to consciousness and death is compared to sleep. Once death overcomes us there is no perception of the passage of time and the next thing we see will be the Day of Judgment.

**And on The Day when the Hour arrives, the guilty will swear
That they remained (dead) but for an hour, thus they were ever deceived
But to those to whom knowledge and faith are given will say:
"The truth is that you have remained until the Day of Resurrection by God's decree.
This is the Day of Resurrection, but you used not to know." (Qur'an 30: 55-56)**

سُورَةُ الرُّومِ (30)

وَيَوْمَ تَقُومُ السَّاعَةُ يُقْسِمُ الْمُجْرِمُونَ مَا لَبِثُوا غَيْرَ سَاعَةٍ كَذَلِكَ كَانُوا يُفَكُّونَ ﴿٥٥﴾ وَقَالَ الَّذِينَ أُوتُوا الْعِلْمَ وَالْإِيمَانَ لَقَدْ لَبِثْتُمْ فِي كِتَابِ اللَّهِ إِلَى يَوْمِ الْبَعْثِ فَهَذَا يَوْمُ الْبَعْثِ وَلَكِنَّكُمْ كُنتُمْ لَا تَعْلَمُونَ ﴿٥٦﴾

On that Day, He shall gather them together it will seem as if they have stayed (in the grave) for an hour, recognizing one another. Those who were not guided and denied the meeting with God will perish. Qur'an: 10: 45

سُورَةُ يُونُسَ (10)

وَيَوْمَ يَحْشُرُهُمْ كَأَن لَّمْ يَلْبَثُوا إِلَّا سَاعَةً مِّنَ النَّهَارِ يَتَعَارَفُونَ بَيْنَهُمْ ﴿٤٥﴾ قَدْ خَسِرَ الَّذِينَ كَذَّبُوا بِلِقَاءِ اللَّهِ وَمَا كَانُوا مُهْتَدِينَ ﴿٤٦﴾

**The agony of death comes in truth; this is what you wished to avoid,
And the trumpet is blown; this is the threatened Day. Qur'an 50:19-20**

وَجَاءَتْ سَكْرَةُ الْمَوْتِ بِالْحَقِّ ذَلِكَ مَا كُنْتَ مِنْهُ تَحِيدُ ﴿١٩﴾ وَنُفِخَ فِي الصُّورِ ذَلِكَ يَوْمُ الْوَعْدِ ﴿٢٠﴾ سُورَةُ ق (50)

On The Day of Judgment, the reality of afterlife and the true religion Islam will become clear to everyone. Those who had indulged in evil deeds and followed false beliefs will wish that they had never existed; but they will have to face the final justice. May God have mercy on all of us.

**To God belongs the Sovereignty of heavens and the earth and on the Day
When the Hour rises, those who followed falsehood will be lost. (Qur'an 45:27)**

وَلِلَّهِ مُلْكُ السَّمَوَاتِ وَالْأَرْضِ وَيَوْمَ تَقُومُ السَّاعَةُ يُخْسِرُ الْمُبْطِلُونَ ﴿٢٧﴾ الْجَانِيَةِ (45)

The following verses describe the Day of Judgment in a comprehensive manner. The Day of Judgment will start with the final earthquake causing the earth to literally explode and throw out all its insides to transform into a massive hollow sphere. The hollowed earth will have the sky towards its center. Time would be running backward and mankind will begin to rise from the graves coming back alive, one after another, "in scattered groups". The history of nations will be played back with the reversal of time. Nations as well as people will be totally powerless caught in the backward flow of time. They will helplessly reenact and witness their own deeds of the past. This process will continue until each one of us is removed to beyond the dying universe through the gates in the sky by angels of the grand decent.

**When Earth is shaken with her (final) earthquake,
And Earth yields up her burdens, and man says: What aileth her?
That day she will relate her chronicles, because your Creator inspires her.
That day mankind will issue forth in scattered groups to be shown their deeds.
And who so does good an atom's weight will see it,
And who so does ill an atom's weight will see it. (Quran 99:1-8)**

سُورَةُ الزَّلْزَلَةِ (99) بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ
إِذَا زُلْزِلَتِ الْأَرْضُ زِلْزَالَهَا ﴿١﴾ وَأَخْرَجَتِ الْأَرْضُ أَثْقَالَهَا ﴿٢﴾ وَقَالَ الْإِنْسَانُ مَا لَهَا ﴿٣﴾ يَوْمَئِذٍ تُخْبِرُ أَخْبَارَهَا ﴿٤﴾ بِأَنَّ رَبَّكَ أَوْحَىٰ لَهَا ﴿٥﴾ يَوْمَئِذٍ يُصْدِرُ النَّاسُ أَشْتَاتًا ۚ لِيُرَوْا أَعْمَالَهُمْ ﴿٦﴾ فَمَنْ يَعْمَلْ مِثْقَالَ ذَرَّةٍ خَيْرًا يَرَهُ ﴿٧﴾ وَمَنْ يَعْمَلْ مِثْقَالَ ذَرَّةٍ شَرًّا يَرَهُ ﴿٨﴾

SUMMARY

You will be surprised to learn that the religious contention that man will rise from the grave is not just a myth or wishful thinking but is based on real scientific principles. **Rising up from the grave and coming back alive can happen simply with the reversal of time.**

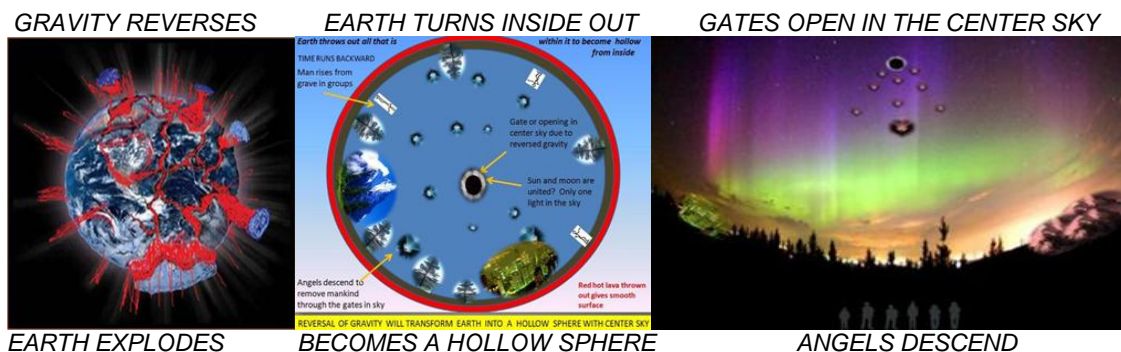
The world (but not the universe) can end because of earthquake, tsunami, meteor strike, nuclear war, supernova, and some other natural or manmade disaster. These are however just local ends that have nothing to do with Day of Judgment. End will not happen on any arbitrary date predicted by someone. The end of the universe is an entirely different phenomenon that has been built into the laws of the universe by the creator.

With the tremendous scientific advancements of the twentieth century, we have placed our trust in science and technology to solve all our problems. Dazzled by the ability of technology to produce quick results, our faith in God has become weak. Our actions are for worldly goals, although a stronger belief in God and fear of accountability in the afterlife could make us better people. We can see the consequences of lacking these in the moral decay that is afflicting many societies all over the world.

God has sent guidance to human beings according to the conditions existing at that moment in history. When the Pharaohs ruled, magic was a very popular pastime. Then Moses (Peace be on him) came with miracles from God and defeated the magicians of the Pharaoh's court. The people at the time of Jesus (Peace be on him) were similarly deep into miracles, and we can see that the life of Jesus is full of miracles. When Mohammad (Peace be on him) came, the Arabic language and poetry was at the height of its development. The Quran with its clear message was revealed in the most eloquent poetry with a style unique and unmatched.

Many verses in the Quran describe the Day of Judgment. We live in a universe that has been expanding since its creation billions of years ago. Both the birth of the universe with the "Big Bang" and its expansion are described in the Quran. **Physicists and astronomers have recently (1998) discovered that the expansion of the universe appears to be accelerating.** This anomalous finding is expected if the expansion of space is linked to time. The verses of the Quran suggest that the universe will not expand forever and that the Day of Judgment will begin with the contraction of the universe.

It appears that time and gravity will reverse when the universe begins to contract. Reversal of time will bring about the resurrection from the grave. In this time and gravity reversed and transformed world we will come across all the good and evil that we did in our lives.



Reversal of gravity will be the cause of the final earthquake mentioned in the Quran. This will change the earth so that it will be turned inside out and transformed into a giant hollow sphere with the sky towards its center. The reversed gravity focused towards the "earth's center-sky" will have a runaway effect on space. The space in the center-sky will be literally torn apart to produce openings or gates to the higher dimensions that are beyond our universe. Through these openings, we will be removed from the collapsing universe.

Everyone will be taken away to escape the unrelenting effect of time reversal that could regress us to nothingness in our mother's wombs. In some higher dimension or plane mankind will be brought together from all times and places in history, to face the judgment for their deeds and hell or heaven.

From the Quran, it appears that the timing of the Day of Judgment will never be known and it may come at any time. We should be aware that The Day of Judgment is very near to every one of us as there is no perception of passage of time after death.

As we go through our daily life we should keep in mind that everything big and small that we do is being recorded in time. If we do not take steps to protect ourselves from evil, in addition to the threat of severe punishment, we stand the chance of great embarrassment on the Day of Judgment. **The reversal of time will expose all our secrets.**

I hope this article will serve as a source of warning as well as encouragement to the believers. They will realize that, The Day of Judgment is a religious, scientific truth which everyone will have to face; and our deeds in this world will determine our fate in the eternal life. There is no doubt however, that the real knowledge of the Day of Judgment is with Allah only. The non-Muslims hopefully, will appreciate that the religion of Islam is more than just another belief and they will be stimulated to further investigate the world of Islam.

THE PHYSICS OF THE DAY OF JUDGMENT (1982)

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