



ISLAMIC CONTRIBUTION TO SCIENCE AND TECHNOLOGY

PART 1. MIRACLES FROM THE QURAN

Prof Dr Ahmad Kamal Ariffin
Islam and Engineering 1
Wintersemester 2010 2011

Sign of God

- According to the Muslims, this is the Qur'an.
- And this one Sign is still with us.
- Fair - a Muslim who takes his religion seriously suffers no disadvantage to Muslims who lived fourteen centuries ago.
- <http://www.answering-islam.org/Quran/Science/rose-nebula.html>





- Those people who kept company with the Prophet had access to no more of the necessary information than we have today. They had the Qur'an. That was the sign for them. It is still a sign to us today, the same miracle.
- This Book is meant to command and guide humanity until the end of time. That the passage of fourteen centuries has not made the slightest dent in its language or literary beauty is only one evidence of that unique role.



The Quran is amazing

- NOT just an old book which came fourteen centuries ago from the Arabian desert.
- Quran is the most read and the only completely memorised book in the whole world.
- It is also the most studied book in the world.
- Claims that the Qur'an anticipates modern scientific knowledge are widely circulated.
- The Qur'an makes statements of scientific facts that science would discover centuries later but none that science could ever refute.



Attitude towards education

- Islam urges people to read and learn on every occasion.
- The verses of the Qur'an command, advise, warn, and encourage people to observe the phenomena of nature, the succession of day and night, the movements of the stars, the sun, the moon, and other heavenly bodies.



The Origin of Universe & Life

- "Have not the disbelievers seen that the Heavens and the Earth were **one piece** and We **parted them**? And We made every living thing from water. Will they not then believe?" [Al-Anbiyaa 21:30]
- "Haben die Ungläubigen nicht gesehen, daß die Himmel und die Erde eine Einheit waren, die Wir dann zerteilten? Und Wir machten aus dem Wasser alles Lebendige. Wollen sie denn nicht glauben? "
- (in the Qur'an, 'We' is used not to show plurality, that several Gods exist but rather as a sign of respect)



- The universally accepted theory of 'the origin of the universe' is now the **BIG BANG THEORY**. It maintains that at one time **ALL OF HEAVENS AND THE EARTH** were one piece, the 'monoblock' as it is called. At a particular point in time, this 'monoblock' burst and it continues to expand. This is the origin of the universe we have today.
- The Big Bang was introduced as a scientific theory only in the 20th century.



- The Nobel Prize in Physics was awarded to those who confirmed the Big Bang Theory as the origin of the universe – only a few years ago.
- And - It was only 200 years ago that Leeuwenhoek and others perfected the microscope and discovered for the first time that living cells are composed of 80% water.
- The above information which was scientifically confirmed only in the last 2 centuries, can be found in the Qur'an which originated 14 centuries ago! Could it then have been written by an ordinary man or can it only be the work of God?





“ ... this very information is exactly what they awarded the 1973 Noble Prize for ... The Qur'an reveals the origin of the universe - how it began from one piece - and mankind continues to verify this revelation, even up to now. Additionally, the fact that all life originated from water would not have been an easy thing to convince people of fourteen centuries ago. “ Professor of Mathematics, Dr. Gary Miller



Expansion of the Universe

The following verse of the Qur'an where God is speaking, may perhaps be compared with modern ideas: "The heaven, We have built it with power. Verily. We are expanding it. " [Az-Zariyat 51:47]

" Und den Himmel haben Wir mit (Unserer) Kraft erbaut; und siehe, wie Wir ihn reichlich geweitet haben. Und die Erde haben Wir ausgebreitet, und wie schön breiten Wir aus! "

<http://www.quranexplorer.com/>

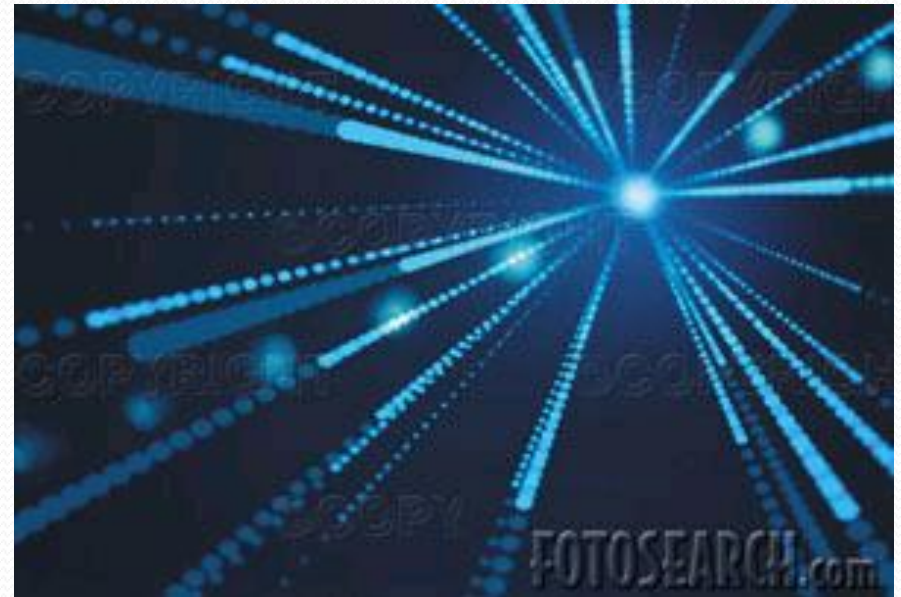


The expansion of the Universe is the most imposing discovery of modern science. Today it is a firmly established concept.

For further reading, go to

http://www.albalagh.net/general/expansion_universe.shtml

The Expansion of the Universe by Harun Yahya



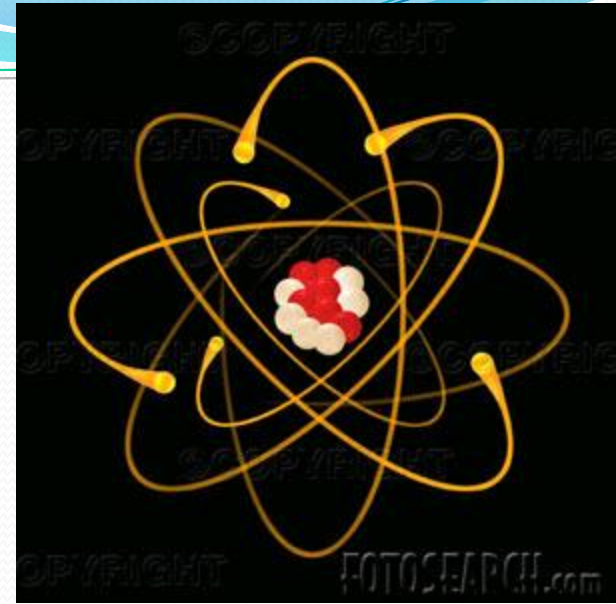
The City of Iram

- The Qur'an mentions a city by the name of Iram (89:7). For centuries, the city of Iram has been unknown to history.
- In 1973, the excavation in Syria at the site of the ancient city of Eblus uncovered the largest collection of clay tablets ever assembled.
- In the National Geographic of 1978, they confirm that in those tablets the city of Iram was mentioned. The people of Eblus used to do business with the people of Iram.

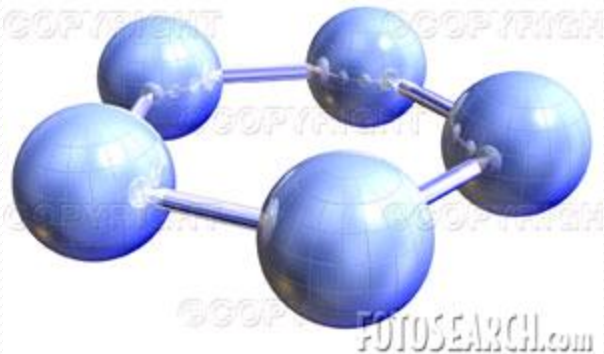


The Smallest Matter

- There is a word that is usually translated as 'atom' and it is usually thought of in Arabic as being the smallest item available at one time.
- There is an interesting verse, in chapter 10, verse 61, which speaks of items the size of a zarrah (atom) **or smaller**.



- Modern science now find things smaller than an atom.
- There is no possibility that on this subject someone is going to say a new discovery has outdated the words of the Qur'an on the issue of the size of matter or the ultimate particles. The verse talks about items the size of a zarrah (atom) **or smaller**.
- [hence, it IS written in the Qur'an that an atom IS NOT the smallest particle!]



Biomedical Sciences

- *"Then We [plural of majesty for God] placed him [i.e man/woman] as a drop [Nutfa in Arabic] in a safe lodging. Then We made the drop [Nutfa] into a leech like structure [alaqa in Arabic]. Then out of the leech like structure, a chewed lump [Mudghah in Arabic]. Then out of the chewed lump bones, and We clothed the bones in flesh. Then we developed out of it another creature. therefore, blessed be Allah [God], the best of those that create" (23: 13-14)*

Further reading: Refer to the works of Prof Keith L. Moore-
University of Toronto



Further reading: Refer to the works of Prof Keith L. Moore.

- Professor Emeritus, Department of Anatomy and Cell Biology, University of Toronto.
- Distinguished embryologist and the author of several medical textbooks, including *Clinically Oriented Anatomy (5th Edition)* and *The Developing Human* & many more books

"It has been a great pleasure for me to help clarify statements in the Qur'ân about human development. It is clear to me that these statements must have come to Muhammad from God, or Allah, because most of this knowledge was not discovered until many centuries later. This proves to me that Muhammad must have been a messenger of God, or Allah. " Prof Keith L. Moore.



Points to Ponder

- The believers *know* that this Book had to be above space and time because this is the Word of the Creator of space and time.
- But those who are looking from the outside and are just curious may consider these additional facts:

From: Witness the Miracle by Khalid Baig



Points to Ponder (cont.)

1. Prophet Muhammad (pbuh), did not go to any school, study from any teacher, or even learn how to read and write.
2. The style of Quran is very distinct from the words of the Prophet (pbuh), himself, which also have been preserved in Hadith collections. His own sayings are embodiments of eloquence, but they have a different style.



3. It was revealed over a twenty-three year period and covers a very wide range of subjects yet it shows neither a gradual development of style nor any self-contradictions in the voluminous text.
4. The twenty-three years of Prophetic life was not a period spent in isolation.

This is not meant to be an exhaustive list of all the evidence that proves Quran to be the Word of God. Scholars have written books expounding the miracle of miracles that Quran is. But even this small sampler may propel an inquiring mind to go and read the Book himself.



Acknowledgement & Further Reading

- <http://www.islamicity.com/science/>
- The Basis of Muslim Belief by Gary Miller
 - http://www.themodernreligion.com/essays_Gary_Miller.htm#iram
- The Quran is Amazing by Gary Miller
- The Bible, The Quran and Science by Dr. Maurice Bucaille (famous French physician) – extracts available on <http://www.islam101.com/science/bucaille.html>
- Quran: Witness the Miracle by Khalid Baig http://www.albalagh.net/food_for_thought/quran3.shtml
- <http://www.islamic-awareness.org/Quran/Science/scientists.html>