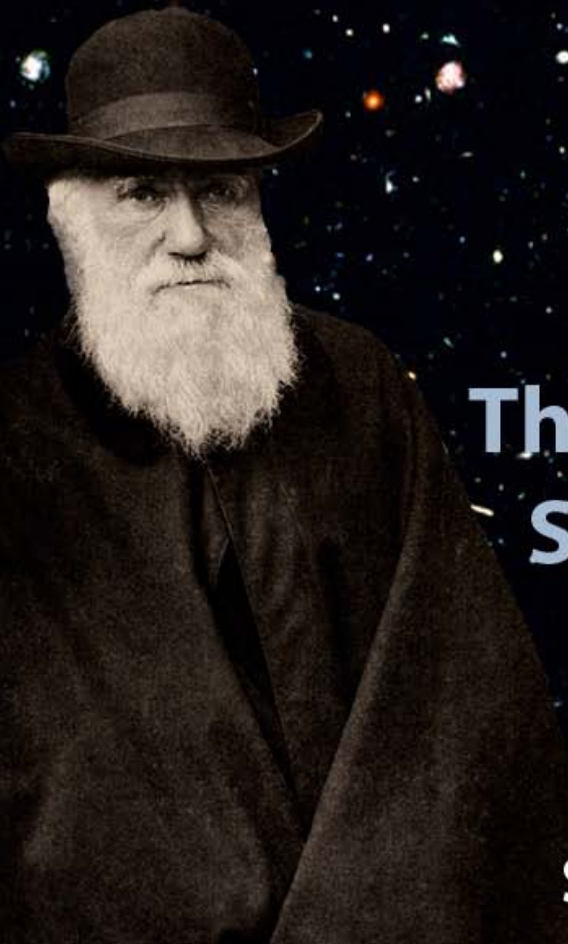


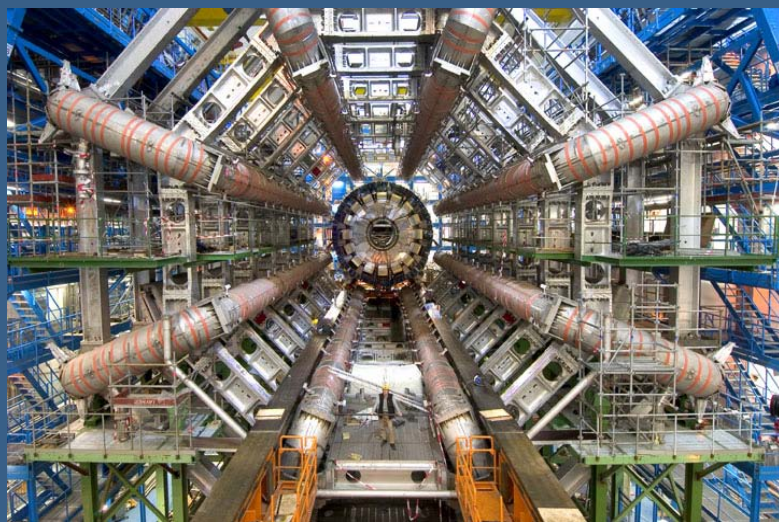
# Science & Technology



**The Evolution of a  
Scientist: C. R. Darwin**

**Now in our 13th year**

**Science & Technology 2009**



**Featured Article:**

Exploring CERN after the LHC's first beam circulation and the incident of September 19.

**Celebrating Charles Darwin's bicentenary**

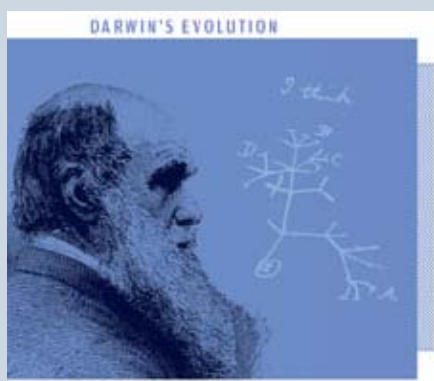
Charles Darwin is undoubtedly one of the most influential figures in human history. His theory of evolution by natural selection upended humanity's view of itself and of the world.

2009 is both the 200th anniversary of his birth and the 150th anniversary of the publication of his most famous and important book, *On the Origin of Species*.

In this issue of Science & Technology you will find a special feature on Charles Darwin's life and work. You can find out how the science of evolution has advanced since Darwin's time, how Darwin came to his radical conclusions and much more...



**The life and work of the British naturalist Charles Darwin**



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Discover the *Science & Technology Wiki* the new wikia of our club.  
Online at:

<http://el.science-technology.wikia.com/wiki/>

(Still under construction!)

Extended version online at:

- [http://www.anatolia.edu.gr/user\\_files/s&t09\\_darwin.pdf](http://www.anatolia.edu.gr/user_files/s&t09_darwin.pdf)



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Τα μέλη του ομίλου στην ετήσια κοπή της Βασιλόπιτας

In the future, the year 2009 may very likely be regarded as the year in which two competing theories from different fields and of a different scope emerged dynamically together to capture human interest and draw scientific focus. It could justifiably be viewed as the year in which the dual fields of cosmology and biology “met” more than ever before in auditoriums, newspapers, magazines, the film industry and scientific articles, in order to challenge human faith and question scientific thought. A hundred and fifty years after Darwin claimed that all life is related and has descended from a common ancestor and fourteen (13.7 to be accurate) billion years after the birth of the universe, the **Theory of the Darwinian Evolution** and the **Big Bang theory** are reborn this year; the former due to the 150<sup>th</sup> anniversary after Charles Darwin wrote his book *On the Origin of Species by Means of Natural Selection*; the latter due to a long awaited experiment that is currently taking place (regardless of a slight delay in terms of a universe time) in CERN, Switzerland-France.

At the same time it is a year in which never before in the past has it been so amazingly appealing and effortless to search for, locate, read, create and post information in digital form about either of these two theories or any other concept, theory or field that you may be interested in and “view” it in multiple forms – online text, podcast, animation, video, depending on your own personal preferences. It is truly a time of information r/evolution and multiple media.

We hope that this issue of S&T will offer you insight into both of the key topics of scientific interest that are being discussed widely around the world today. You may choose to read them in either traditional printed or online digital form (at [www.anatolia.edu.gr/user\\_files/s&t09.pdf](http://www.anatolia.edu.gr/user_files/s&t09.pdf) and [www.anatolia.edu.gr/user\\_files/s&t09\\_darwin.pdf](http://www.anatolia.edu.gr/user_files/s&t09_darwin.pdf)) and we hope that we will receive your feedback on these as well as on the other articles of this extraordinarily rich issue. The members of S&T have really tried hard to provide you with an issue that comprises many of the topics being focused on in the fields of Science and Technology today. We also hope that the topics of these articles will provide ‘food for thought’ and perhaps become the reason for you to become interested in pursuing them further.

Looking forward to seeing many of you at our club meetings this year and wishing you all a rich and rewarding school year!

The advisors of S&T

Discover this year's issue online at:

- [http://www.anatolia.edu.gr/user\\_files/s&t09.pdf](http://www.anatolia.edu.gr/user_files/s&t09.pdf)

At the same time this was a year during which our magazine’s entire interface changed. Throughout the year we managed to improve the quality of our work and create a rich and up-to-date issue. The advisors were open to applying ideas presented to them by the editor and some of the senior members of the club at the beginning of the year. Thus new working procedures and innovative organizational methods were adopted leading to a dynamic change in the way tasks are carried out by club members. We anticipate that these new procedures will also have an effect on the way our magazine appeals to its readers. So far the positive results that these changes have yielded were confirmed when *The Science & Technology Wiki* was launched (online at <http://el.science-technology.wikia.com/wiki/>) and when the magazine and the wikia were presented at the 1<sup>st</sup> Student Computing Conference (1<sup>ο</sup> Μαθητικό Συνέδριο Πληροφορικής). It seems that 13 is our lucky number and not the one that brings bad luck!

The Editor