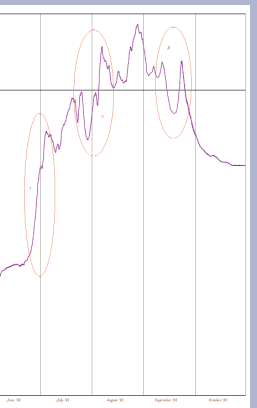
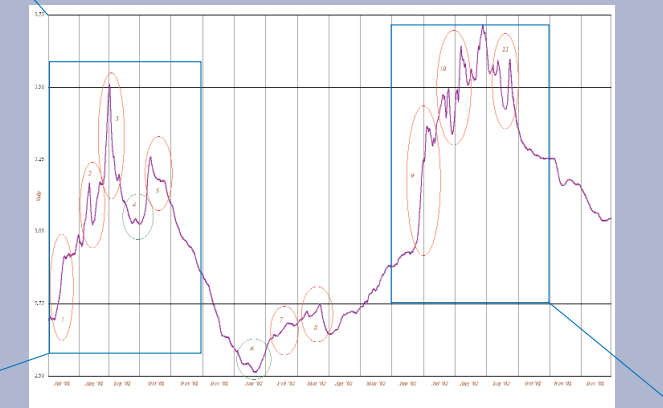
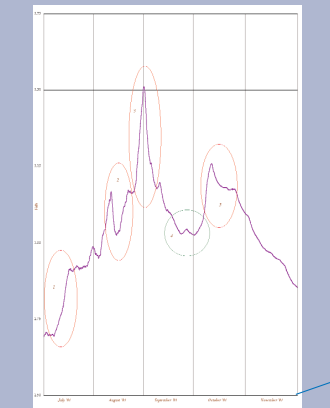
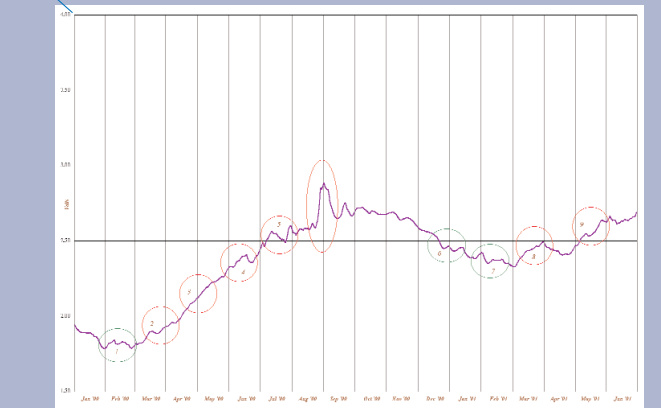
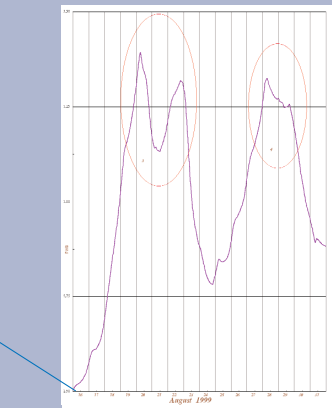
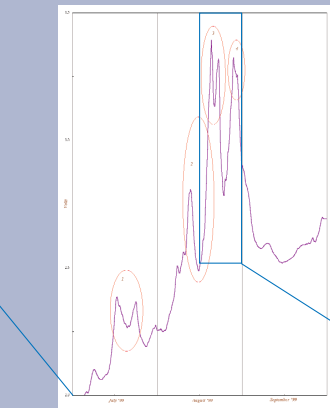
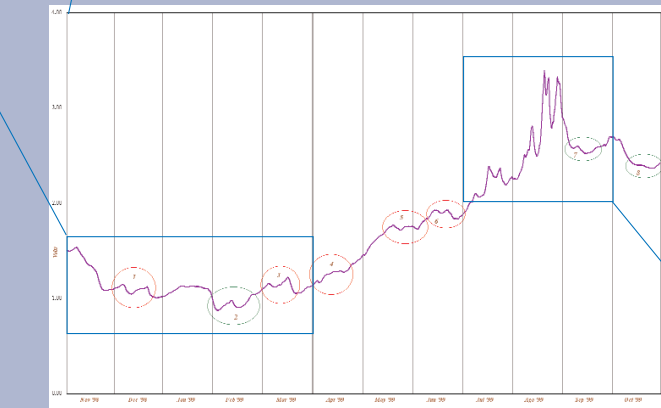
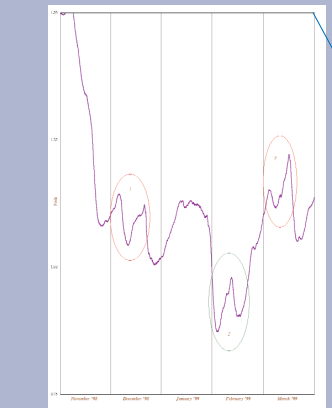
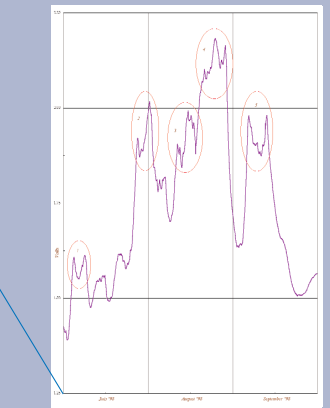
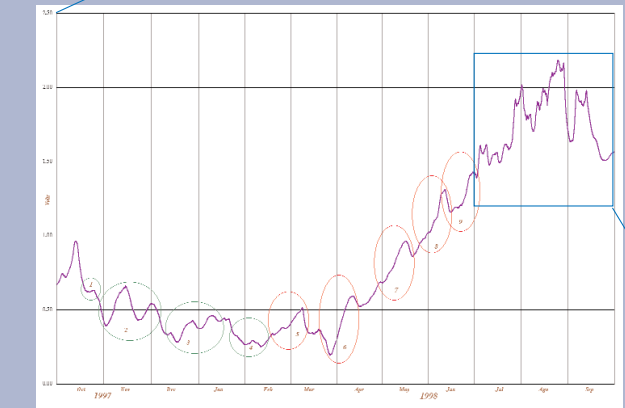
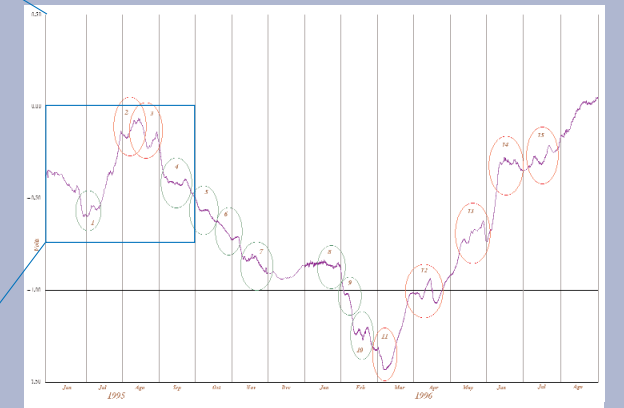
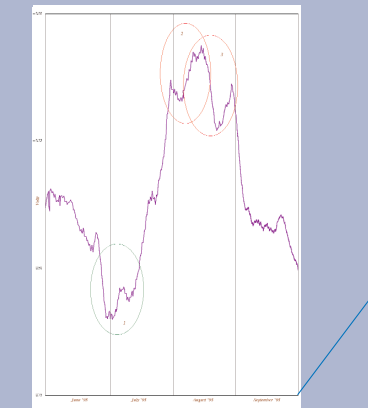
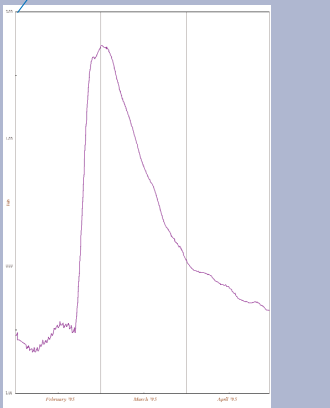
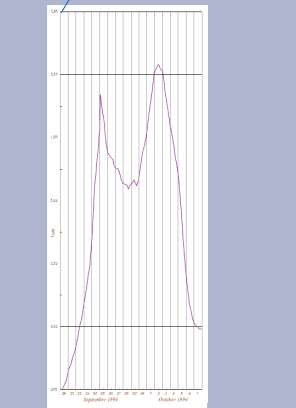
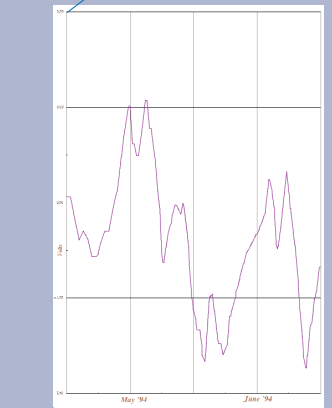
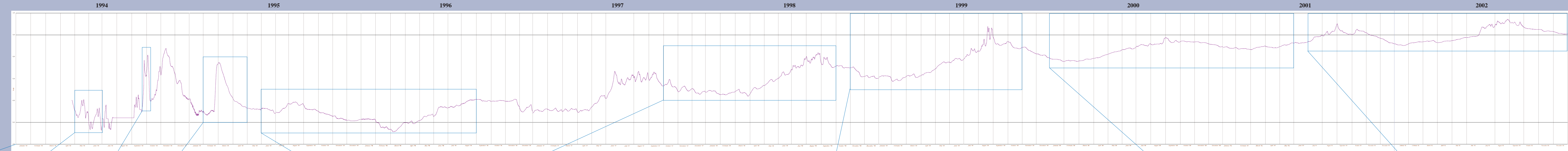
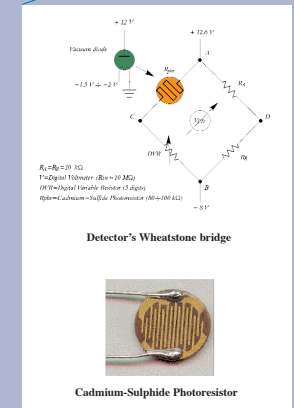


Detecting Gravitational Waves since 1994!

More details at: www.omirp.it



1994: A true "electric" instrument, consisting of a Wheatstone bridge and a cadmium sulphide resistor placed in one of the two arms and flumm by a constant light source, starts recording "analog" voltage variations.

26 April 1994: The instrument is set for continuous recording. The signals it records, both positive and negative, show the typical "fork" shape.

September / October 1994: The detecting of an high amplitude positive and precise "fork" makes us think these are intergalactic events occurring in the Universe, not having terrestrial (electromagnetic) origin.

End February 1995: A voltage variation of high amplitude with a rise front similar to the one recorded in September/October 1994, is detected, which does not show the typical "fork" shape. It was a single event that, up to now, has not been repeated.

June / September 1995: The recording of a peculiar event (a negative "fork" followed by a couple of positive low amplitude and quite wide "forks", partially overlapped) allows a first analysis of the "redshift" of these signals and this, of the distance from us of the events that have generated them.

June 1995/August 1996: The comparison of this recording, lasting more than one year, with the previous one recorded in 1994/1995 allows us understand for the first time the origin and nature of these waves. These are very high intensity, Gravitational Waves produced by the collapses of nuclei belonging to peculiar Multiple Nucleus Quasars that take place into the centre of galaxy clusters. The typical dimensions of these celestial objects result being about 3 light months radius, while the number of nuclei is, very likely, of a few tens.

October 1997/October 1998: A chain of collapses of another of this peculiar Multiple Nucleus Quasar similar to those recorded in 1994/1995 and 1996 is recorded. The redshift of these waves is $z=0.6$ therefore, also this event happened at a long distance from us.

July 1998/September 1998: During the chain of collapses (redshift $z=0.6$), a series of "forks", similar to those of summer 1994, clearly emerging from the underlying waves are detected. The redshift of these waves is $z=1.8$. Thus these waves had their origin in another region of the Universe nearer to us (distance of about 2/3 of the radius of the Universe).

November 1998/March 1999: A new series of waves coming from another region of the Universe is recorded. In this case, too, it is the general collapse of another Multiple Nucleus Quasar. This are very wide waves of low amplitude with a redshift of $z=1.1$. At the moment of collapse, the Quasar was probably at a distance of about 5/6 of radius of the Universe.

November 1998/October 1999: This series of chain collapses, too, started in a very similar way to the ones previously recorded (1995/1996 and 1997/1998), with strong initial (gravitational) disturbances of an oscillatory type and a negative "fork" followed by a series of positive "forks".

July 1999/ September 1999: During the series of chain collapses (redshift $z=1.7$) some narrower "forks" of higher intensity are recorded, clearly emerging from the underlying waves. The "forks" recorded in July/August have a $z=1.4$ and other narrower and of high amplitude recorded in the second half of August have a redshift of about $z=0.8$. These are two events happened in different regions of the Universe!

August 1999: The analysis of two very narrow high intensity "forks" detected let us better understand the interaction of Gravitational Waves with matter and fields (electric and magnetic). High intensity Gravitational Waves cause simultaneous earthquakes in the whole equatorial band of the Earth. In the following months, there is a reactivation of volcanic activity in the same area.

End of 1999/September 2001: This long recording period of supposed "gravitational rest", shows us a series of chain collapses belonging to another Multiple Nucleus Quasar that occurred at a very long distance from us (redshift $z=1.9$). It was possible to distinguish this event because of lack of collapses of higher intensity. This is a general collapse of a Multiple Nucleus Quasar placed at border of the Universe! The remarkable distance covered by these gravitational waves does not permit to distinguish the "forks" very well. The isolated peak recorded between August and September 2000 does not seem to belong to this event.

July 2001/September 2001: The high intensity peak recorded between the end of August and the beginning of September does not seem to belong to any "fork". It was probably due to the crash between two nuclei of the Quasar itself that melted together.

July 2001/December 2002: In this period a general collapse of another Multiple Nucleus Quasar (redshift $z=0.8$) is recorded that partly overlapped the previous one (not yet exhausted). The nuclei (probably 2 or 3) that collapsed from July/August 2001) had to be by the peripheral area of the Quasar. The gravitational waves generated reached the Quasar center in summer 2002 causing the collapsing of the nuclei present there in a higher number (the redshift of these later waves is also corresponding to $z=0.8$). The analysis of this event give us a further confirmation of the typical dimensions of these Multiple Nucleus Quasars. They are celestial bodies which radius is about 2-3 light-months, similar to those our Solar system!

June 2002/September 2002: The prolonged series of waves investing the Earth in this period, even if of lower intensity compared to those of August 1999, has caused an intermission to the general volcanic activity that lasted during all summer 2002. Since the end of September 2002 also a general intensification of the volcanic activity has been recorded as well.