
And GIAS3 will be the same way

1
00:00:21,550 --> 00:00:18,530
if you look up at the sky at night it

2
00:00:24,500 --> 00:00:21,560
seems very Placid and almost unchanging

3
00:00:29,590 --> 00:00:24,510
not true in gamma rays and not true in

4
00:00:34,130 --> 00:00:31,760
when you look at the gamma-ray sky you

5
00:00:37,280 --> 00:00:34,140
realize they're violent phenomena in the

6
00:00:40,700 --> 00:00:37,290
universe k 2 D Rho gammas una ventana of

7
00:00:43,670 --> 00:00:40,710
phenomena glass es la primera mision que

8
00:00:47,750 --> 00:00:43,680
la siroque fotos en el último rango

9
00:00:50,630 --> 00:00:47,760
delle pietro electromagnetic go take a

10
00:00:52,069 --> 00:00:50,640
nap or observer we're looking at the

11
00:00:54,170 --> 00:00:52,079
universe for a completely different

12
00:00:56,450 --> 00:00:54,180
perspective we actually look at it from

13
00:00:58,459 --> 00:00:56,460

gamma rays which is another form of

14
00:01:00,470 --> 00:00:58,469
light or it's the same thing as the

15
00:01:03,380 --> 00:01:00,480
light we see with our own eyes except

16
00:01:06,679 --> 00:01:03,390
that the light itself is literally tens

17
00:01:09,709 --> 00:01:06,689
of billions of times more energetic

18
00:01:11,989 --> 00:01:09,719
objects in the universe put out energy

19
00:01:14,870 --> 00:01:11,999
all across the electromagnetic spectrum

20
00:01:17,539 --> 00:01:14,880
to really understand how the universe

21
00:01:19,819 --> 00:01:17,549
was formed how its evolving how the

22
00:01:21,800 --> 00:01:19,829
objects in it function you need to

23
00:01:23,200 --> 00:01:21,810
observe over the entire electromagnetic

24
00:01:26,120 --> 00:01:23,210
spectrum

25
00:01:28,250 --> 00:01:26,130
blast is gamma ray telescopes two of

26
00:01:31,280 --> 00:01:28,260
them designed to study the highest

27
00:01:34,100 --> 00:01:31,290
energy photons in the universe and there

28
00:01:37,010 --> 00:01:34,110
are some mind-boggling things that we

29
00:01:39,290 --> 00:01:37,020
might find in this area last will tell

30
00:01:42,110 --> 00:01:39,300
us things about active galactic nuclei

31
00:01:45,020 --> 00:01:42,120
pulsars supermassive black holes

32
00:01:47,570 --> 00:01:45,030
gamma-ray bursts possibly about dark

33
00:01:50,660 --> 00:01:47,580
matter a whole range of issues which are

34
00:01:53,420 --> 00:01:50,670
important to modern physics they are

35
00:01:55,250 --> 00:01:53,430
presented so much apathy initiative mark

36
00:01:57,410 --> 00:01:55,260
that i'm also a phenomena thunderstorm

37
00:01:59,960 --> 00:01:57,420
if not think than somebody come for a

38
00:02:03,080 --> 00:01:59,970

glass corner blitz i myself enough that

39
00:02:05,090 --> 00:02:03,090
comes tomorrow canada's hockey every

40
00:02:07,490 --> 00:02:05,100
time you open up a new window to the

41
00:02:09,770 --> 00:02:07,500
universe a new wave length movie you

42
00:02:11,780 --> 00:02:09,780
discover new things and usually the

43
00:02:13,490 --> 00:02:11,790
universe has many surprises in store for

44
00:02:15,200 --> 00:02:13,500
us there's a lot of major discoveries

45
00:02:20,020 --> 00:02:15,210
waiting to be made then we're going to