



200,000 light-years

NGC 5128/Centaurus A  
Optical/Radio/X-ray

1  
00:00:00,020 --> 00:00:08,130

Music

2  
00:00:08,150 --> 00:00:12,170

Narrator: This is the giant elliptical galaxy

3  
00:00:12,190 --> 00:00:16,230

Centaurus A. Radio and X-ray images reveal features associated

4  
00:00:16,250 --> 00:00:20,360

with jets driven by the galaxy's supermassive black hole.

5  
00:00:20,380 --> 00:00:24,380

Now, the TANAMI project has provided the best-ever view of these jets.

6  
00:00:24,400 --> 00:00:28,420

In this radio image of the galaxy's core, the black hole

7  
00:00:28,440 --> 00:00:32,480

is invisible, but the jets show in great detail. Features as small as

8  
00:00:32,500 --> 00:00:36,540

15 light-days across can be resolved. The

9  
00:00:36,560 --> 00:00:40,680

powerful jets feed vast lobes of radio emitting gas that reach far beyond the