Sevil Zanjani

Both the reading and the lecture discuss about the possibility of the presence of human on the Venus. While the author of the reading believes there are several extreme difficulties on Venus that makes it almost impossible for us to live on this planet, the lecturer thinks we can solve the existing problems.

Firstly, according to the passage the atmospheric pressure at Venus’ surface is immensely more than the Earth’s. Therefore, the spaceships and human bodies crush when they come near to the Venus’ surface. While the professor states that the pressure at Venus’ sky, a few kilometers above the ground, is dramatically lower and it is similar to the Earth’s surface. So, we can settle the stations floating on the Venus’ atmosphere to avoid crushing.

Secondly, the author of the reading section mentions that the lack of water and oxygen supply in Venus is a huge problem for human beings to reside there. However, the lecturer counters this argument by insisting that we can produce water and oxygen required using the chemical processes from the components like sulfuric acid existing at the Venus’ atmosphere.

Finally, based on the reading section due to the reflection of a big portion of sunlight because of the thick clouds around Venus, it is not possible to generate electricity needed using the solar power cells. But the lecturer claims that the floating stations located above most of the thick clouds, can produce electricity using the direct sunlight and also reflected rays from below.