

The forefront of collaboration between astronomy and art

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Astronomy using light and gravitational waves now acquires a wide range of "perception" from the visible world to the invisible world. This is directly answering the question of human beings' essential doubt, such as "Why are we here and where we came from?" Prior to the beginning of modern science, astronomy and art were indescribable as "knowledge methods" to understand and confirm the meaning of our world and our existence. However, due to the rapid progress of science and technology after that, the similarities between the two have become far away. But now the rapid progress of 'perception' in astronomy is more fundamental to human beings that scientifically explore our origin as mentioned earlier (eg the origin of the universe, study of extraterrestrial planets and cosmic life) It is becoming possible to study questions. From this, again, significance has come to explore the connection between astronomy and art.

Here, we introduce the 2015 summer exhibition "Collaboration of the Eye to see the universe, art and astronomy" of the "SHIGA Kogen Roman Art Museum", which the author conducted as an exploration of the connection between astronomy and art. In addition, as examples of visual science communication in astronomy, we introduce successful examples of image transmission at planetary explorers, examples such as the Hubble Space Telescope, the National Astronomical Observation SUBARU Telescope, and the ALMA Telescope.

Keywords: Astronomy, Art, Science communication, image, Artist-in-residence, Starryscape Picture