

Q: Where do the significance of science and art lie?

A: On one hand, art as the final presentation is very important. On the other hand the scientific process is of great significance. Science can be incorporated into art as a timeline. We record every stroke of painting and the tape itself is a brilliant art work. Art leads the public to see civilization and culture.

Q: what do you think of the relationship between science and art?

A: As we often say art and science, not science and art, science serves as a tool while art is the ultimate purpose. By means of science, we can create works that is different from present artistic forms. For example, when I traveled to Thailand, I saw craftsmen use insect shells and wings to make paintings. Although the content are often classic paintings such as the Mona Lisa, but the unique painting materials have exciting visual effects from oil paintings.

Q:How can we truly get to the point of art and science?

A: The key is that you need to explore the novelty of the project. Bacteria are on the micron scale, so you can try fine paintings. There is another idea. Liang Yan, professor in USTC once filmed a video called "Beautiful Chemistry" , in which changes in light and shadow in chemical reactions are captured by a high-speed camera, achieving an extraordinary effect. You can follow his work, capturing the color changes when E. coli are expressing chromoprotein.

Q: Is science and art a good way of popularization of science?

A: Artists hope more people understand and appreciate the meaning of their works. Science also needs popularization to promote the development of itself. Art and science is a win-win combination, attracting people to appreciate art, and meanwhile to understand the scientific principles behind them.