**- Final title: New Heart Care System based on UT-Heart for Tailor-made Medicine**

**- Abstract**

**We have been developing a heart simulator named "UT-Heart" which enables us to reproduce a virtual human heart in a computer system. With this system, it is expected that a medical doctor will be able to check a state of a patient’s heart viewing four-dimensional images, which simulates the motion of heart muscles, blood flow, etc, of the heart. In my presentation, I will outline “UT-Heart” first, then introduce its typical application and an image of new heart care system based on “UT-Heart”. Finally, I would like to propose an issue to be discussed from the viewpoint of standardization.**