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TECHNOLOGY, PROBLEMS, AND SOLUTIONS FOR SPACE TRAVEL MEALS AS REPRESENTED
BY "YAKITORI", GRILLED CHICKEN

Abstract

Have you ever heard of 'yakitori'? It is a Japanese dish consisting of several bite-sized pieces of chicken skewered, tossed in sweet and spicy sauce or salt, and grilled. It is popular in Japanese izakaya (Japanese-style pubs) to eat yakitori while drinking beer. Yakitori is already one of the space foods eaten by Japanese astronauts on the International Space Station and elsewhere. However, its form is not a few bites of chicken on a skewer, but rather yakitori that has been removed from the skewer and placed in a can. The era of space travel will be in full swing in the future, and many people will travel to space. It is easy to predict that the need will gradually increase not only to go to space but also to eat and drink their favorite food in space. They will also be more particular about the shape of their grilled chicken the preference of it to be skewered.

In this paper, we will take eating skewered yakitori in space as an example, and discuss the necessary technology, problems, and solutions for a rich meal in space.