



Summary & PowerPoint

Bake in Space - To Boldly Bake Where Nobody Baked Before

The current provisions for food in microgravity are not sustainable for future human space exploration missions to the Moon and especially to Mars. With the rise of space tourism, food will play an important role. Astronauts on the International Space Station who spend months in orbit often go long periods of time without eating any fresh produce. Bake In Space aims to change that by addressing the scientific and technical challenges related to the production of fresh food in space.

The idea is to use bread as a first stepping-stone to providing fresh food that will benefit the wellness and general quality of life of those living and working in space. Bake in Space has developed a plan to re-create the value chain from growing grain, to harvesting the grain, to creating flour, to mixing it into dough and baking the final bread product. Each of these steps will require new hardware and food preparation processes to be developed for microgravity and then adapted for Moon and Mars.

Learning Objectives

- Bake In Space and its objectives
- The long-term challenges to be addressed
- The potential for non-space companies to contribute to the future of space exploration

Presenter

Sebastian Marcu, Bake In Space

Presentation Time

Tuesday, February 26, 2019 @ 2:45 pm - 3:05pm

Session

Closing General Session



Bake in Space

To boldly bake where nobody baked before





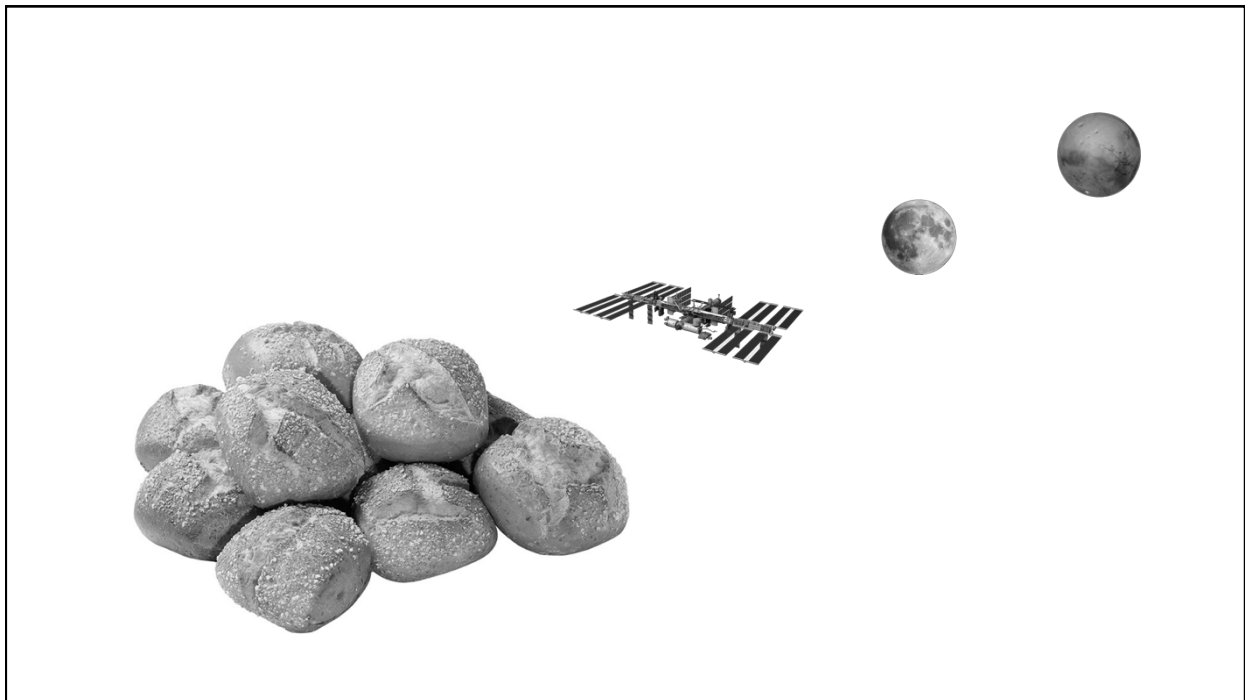
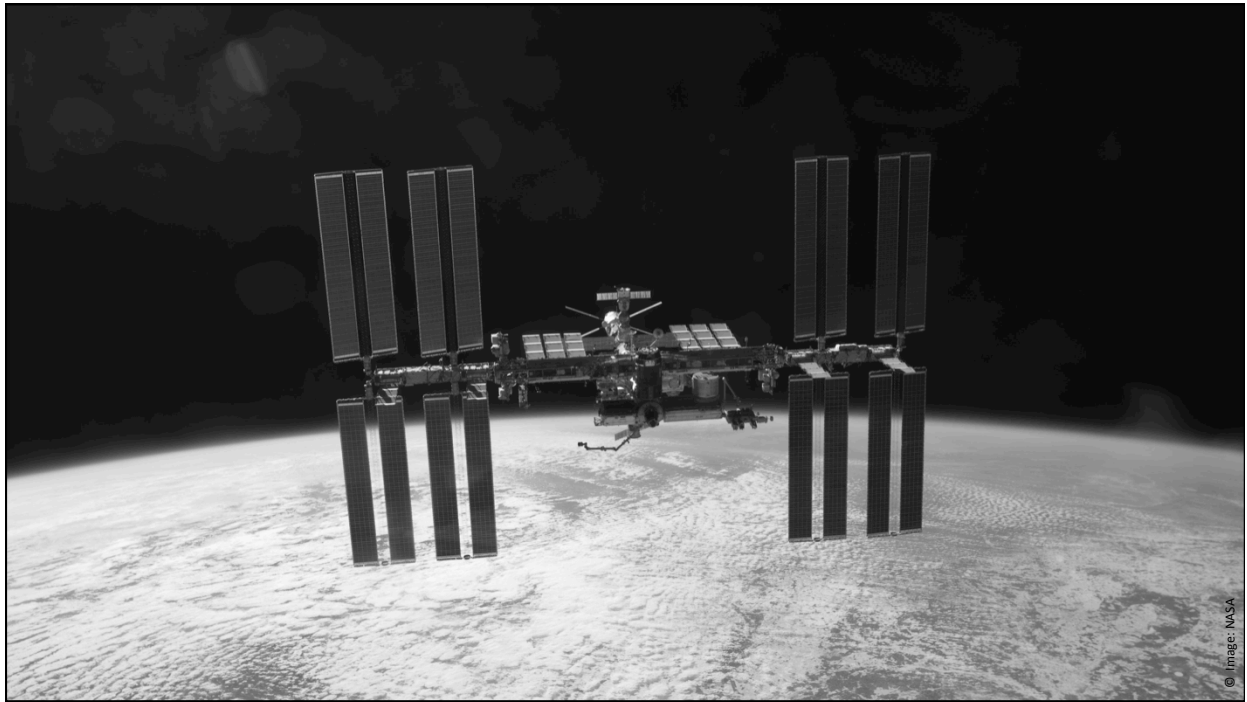
BREADWINNER

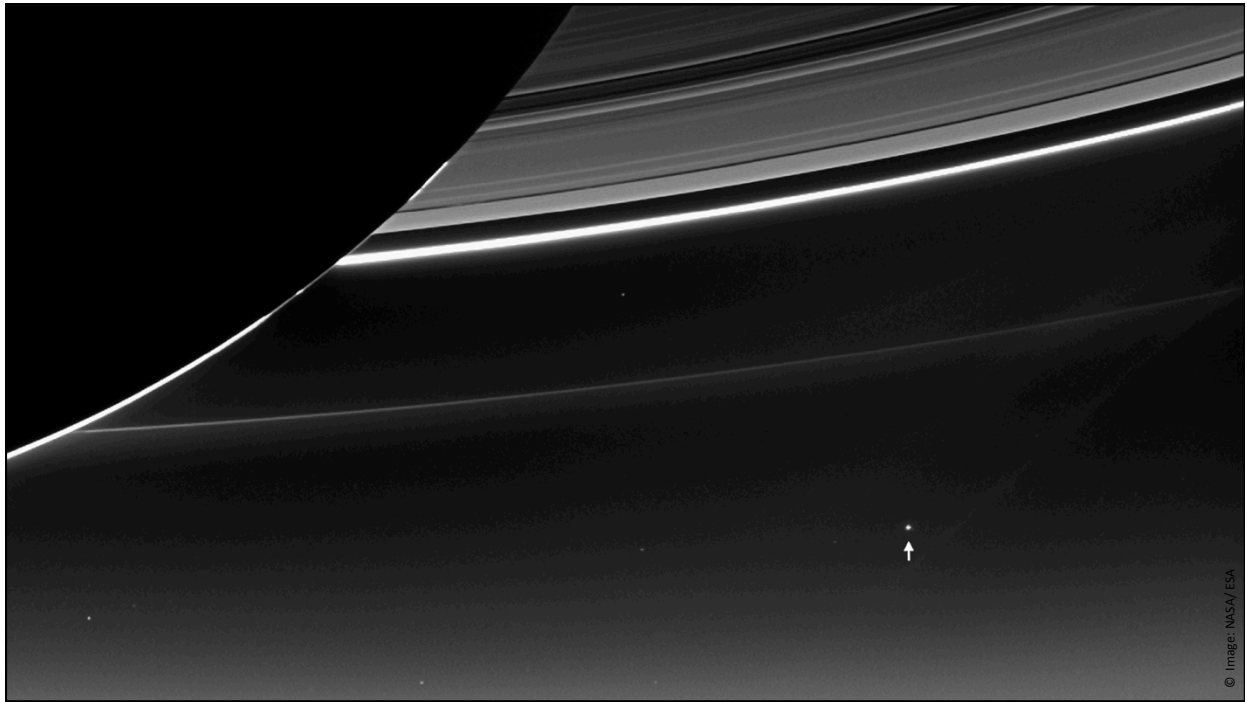
BROT & BUTTER GESCHÄFT

COPAIN





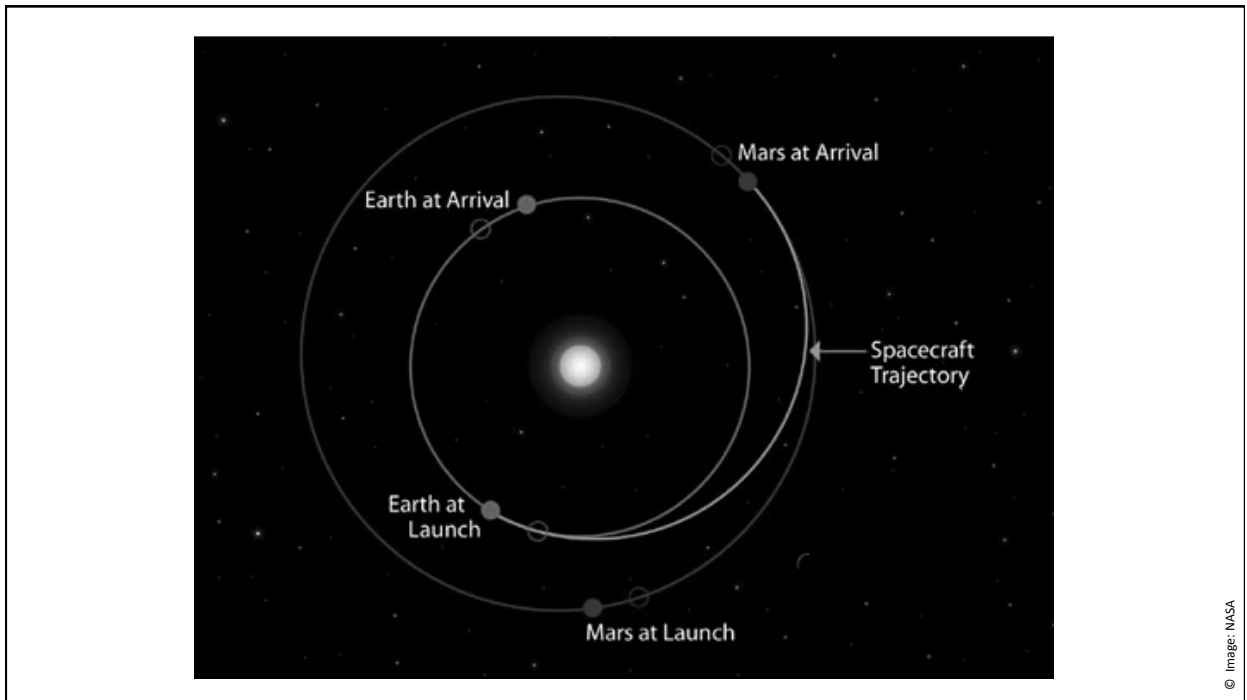
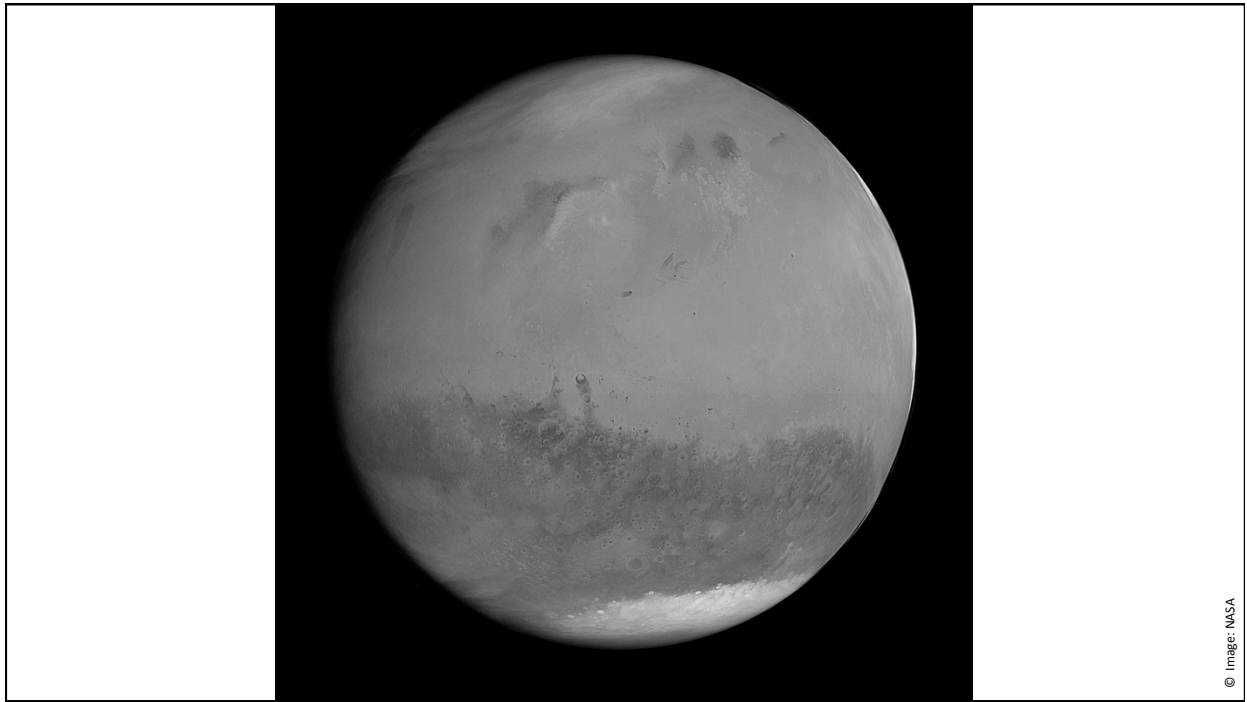


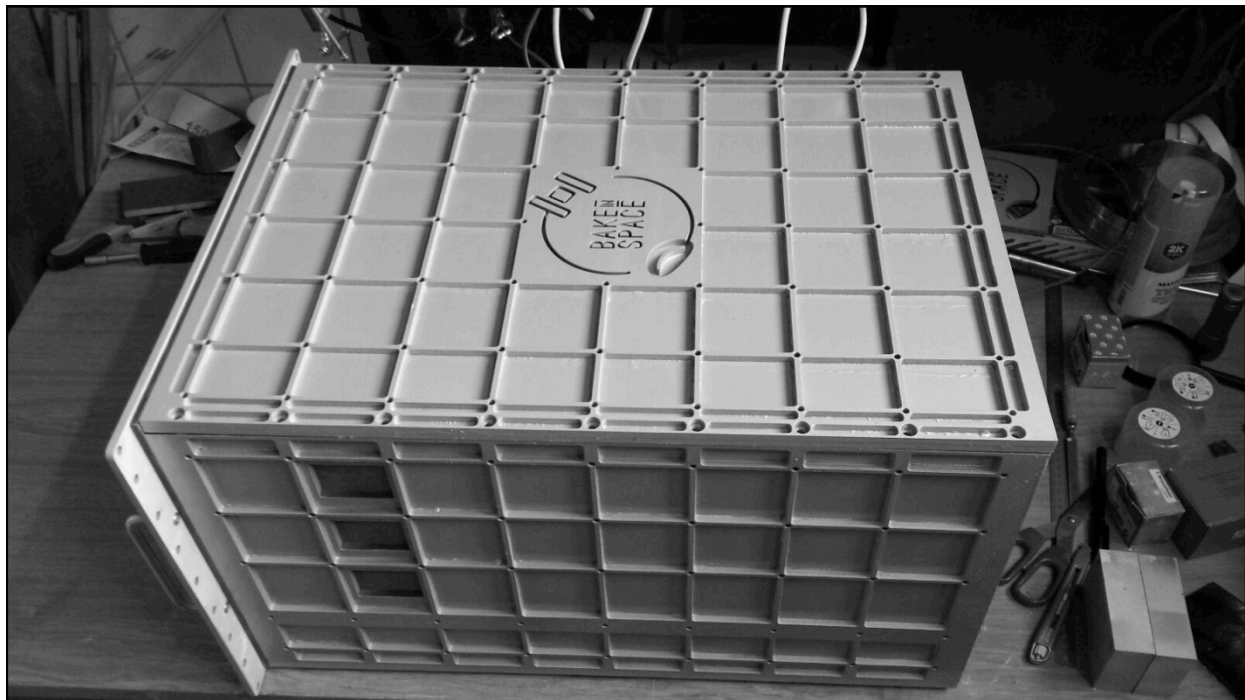
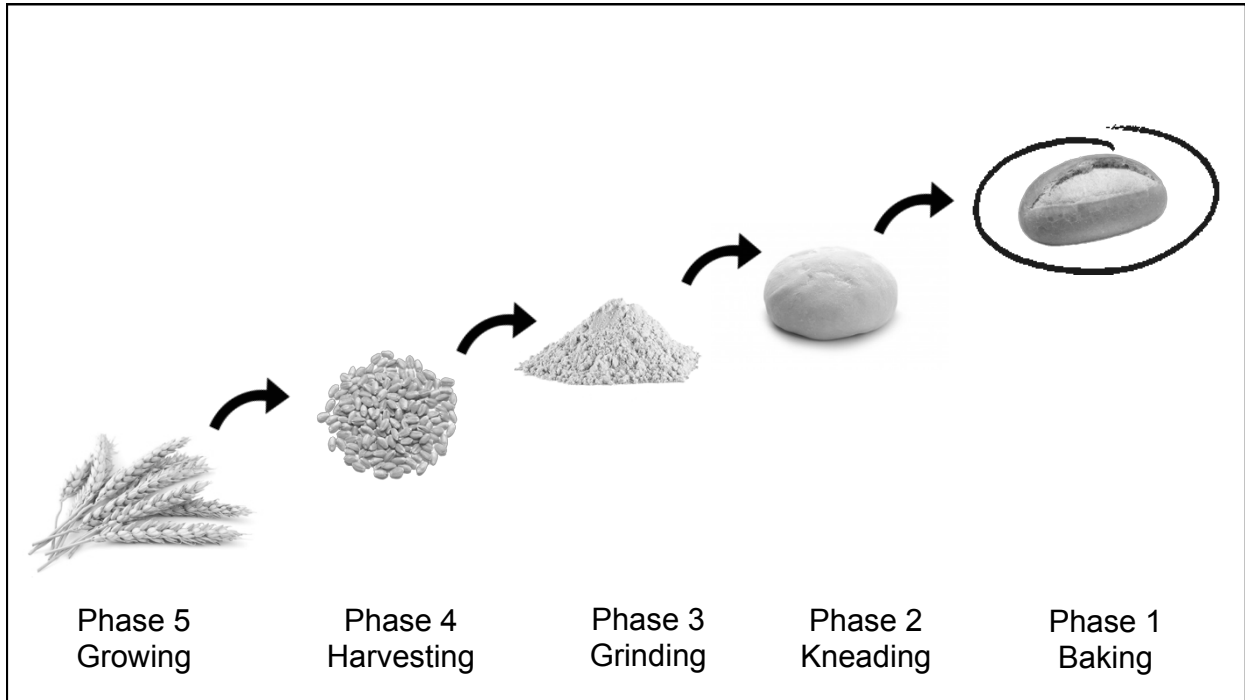


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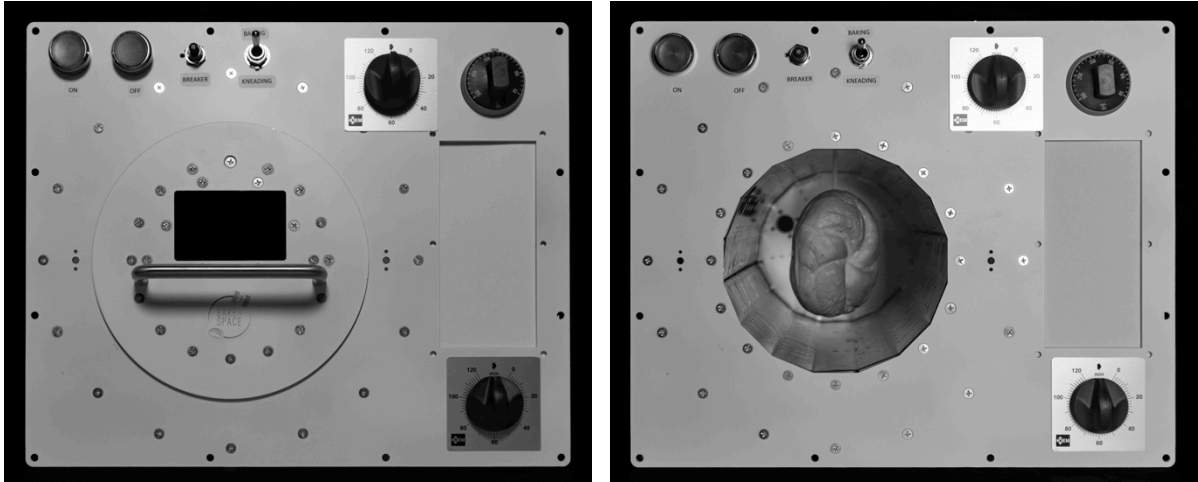


© Image: NASA





Concept Prototype



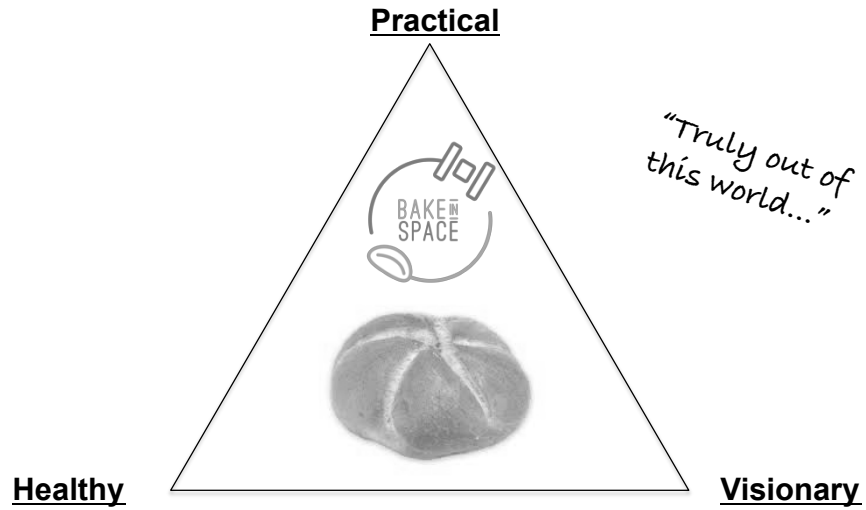
Bake in Space Spin-off Products



Bake in Space Convenience Food



Consumer Relevance



POS Activities



Education Events



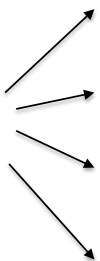
Schools & Universities



Media & PR



New Scientist
06/07/2017



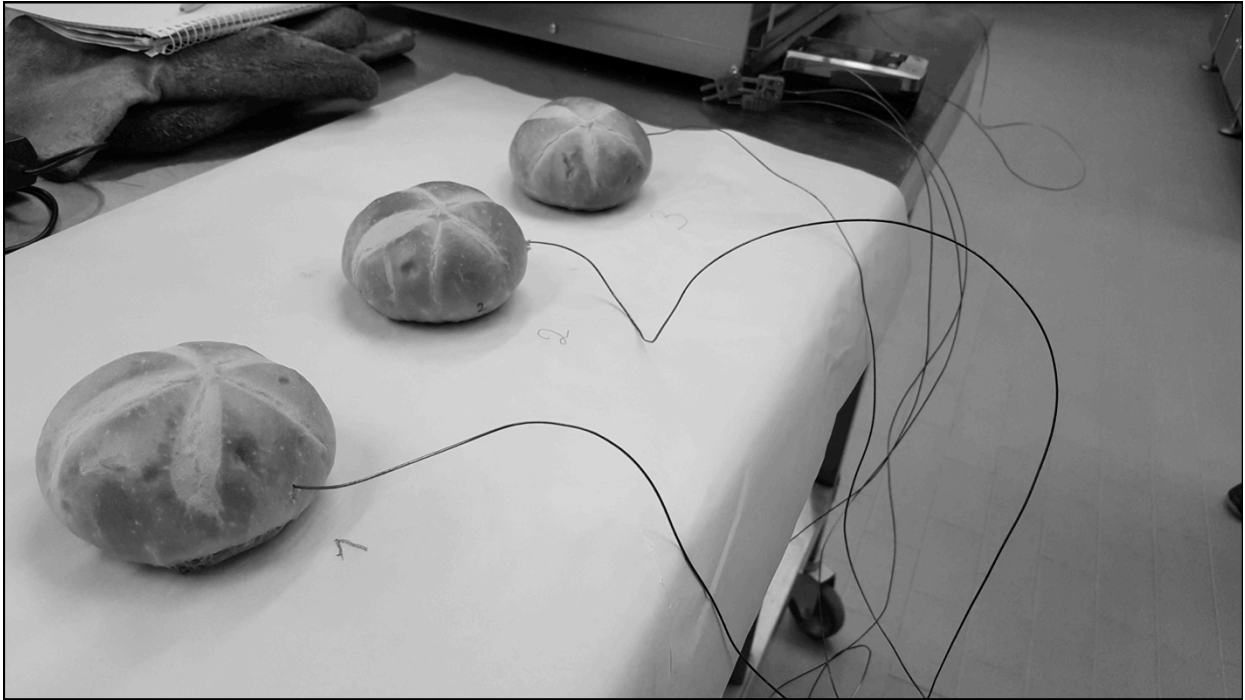
Over 160 citations and articles in online media around the world (Europe, USA, Russia, Asia Pacific) within a few days. e.g. Huffington Post, Le Monde, MSN, Russia Today.

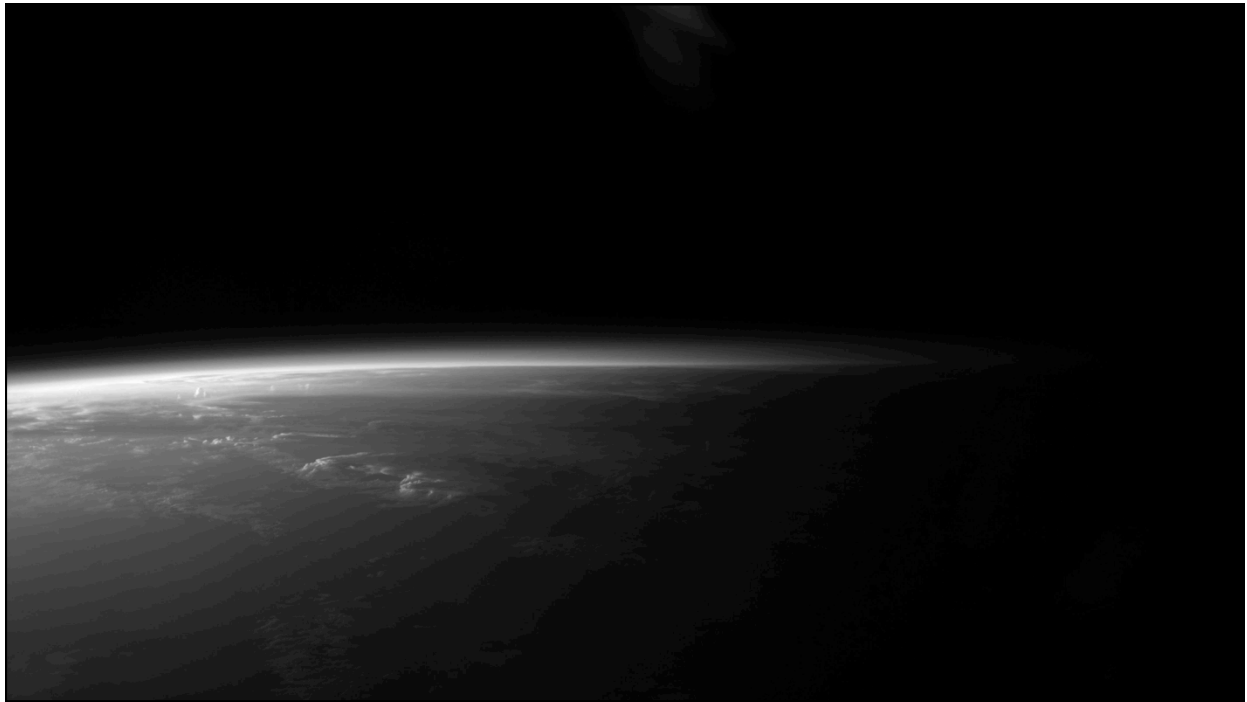


Jimmy Kimmel Live, ABC Late-Night-Show,
06/16/2017

(URL: <http://bit.ly/2sLNCpK>)









a project by...



Thank you for your attention!

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