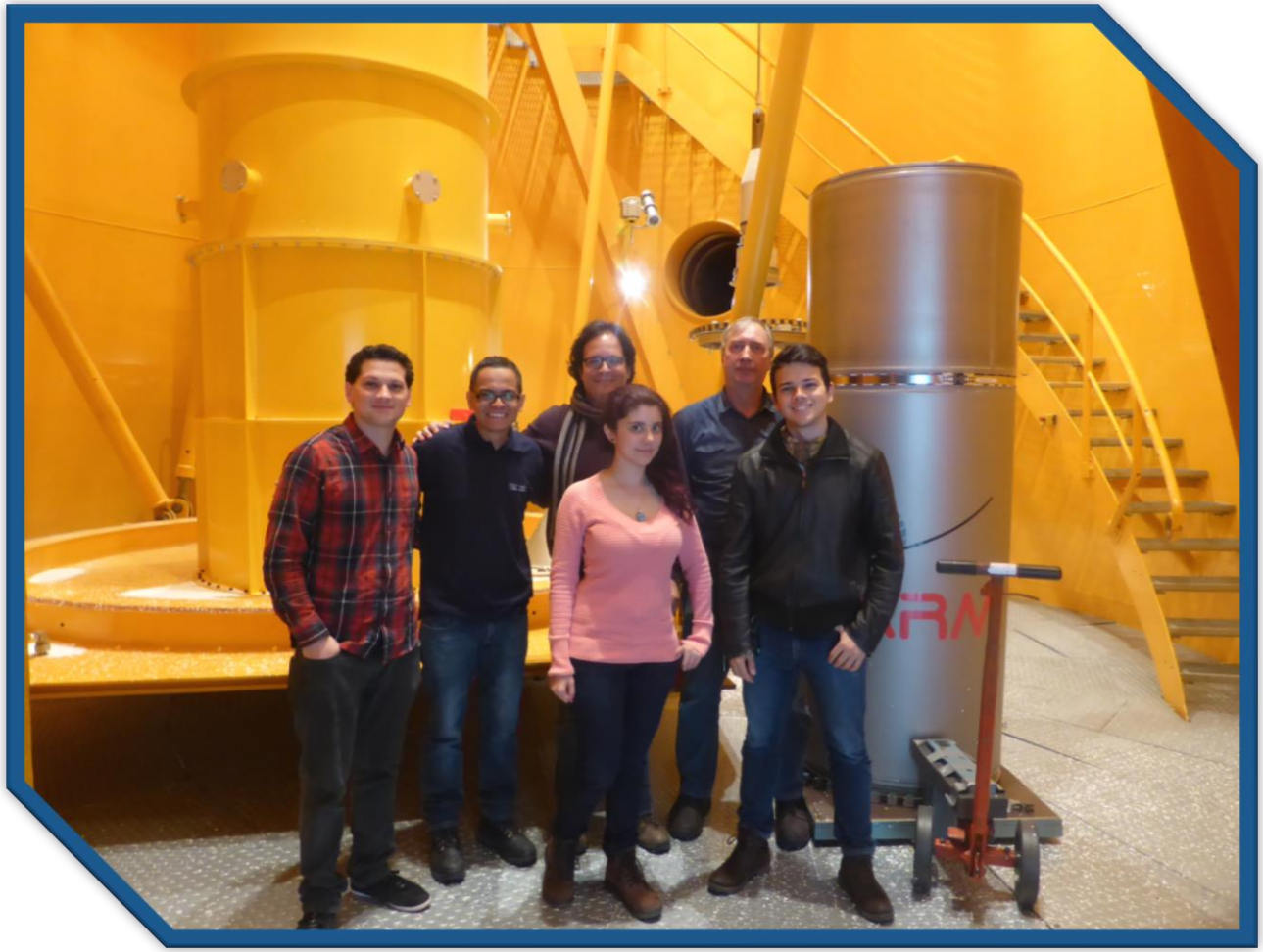
DropTES Third Cycle Experience Recap

Analysis of Scaled Robotic Arm Manipulators under "Artificial" Gravity Conditions



Team Members

Nicole Chaves-Jiménez
Moacir Fonseca-Becker
Ernesto Corrales-Corrales
Carlos Mayorga-Espinoza
Renato Rimolo-Donadio

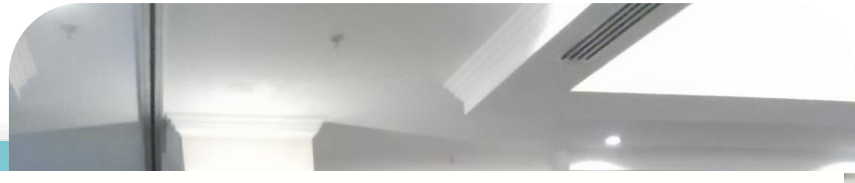
UNIVERSIDAD DE COSTA RICA

TEC | Tecnológico de Costa Rica

How did you learn about the opportunity?

United Nations/Costa Rica Workshop on Human Space Technology
SAN JOSÉ, COSTA RICA, 7 - 11 MARCH 2016

Thorben Koenemann



Your Application is Selected (DropTES third cycle) Inbox × DropTes ×

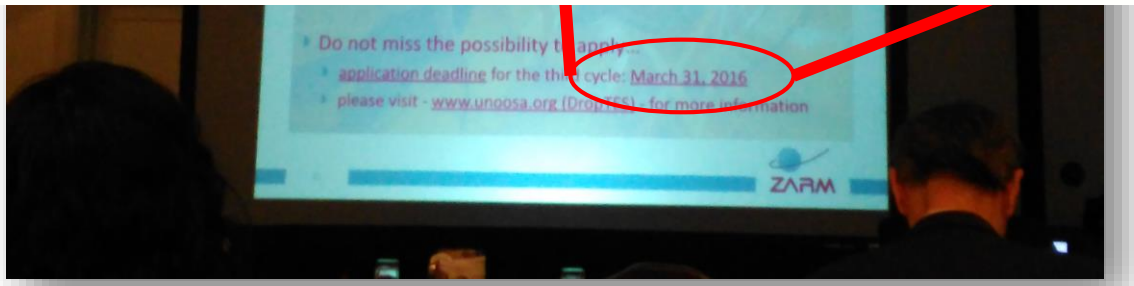
UNOOSA DropTES <hsti-droptes@unoosa.org> Wed, Apr 20, 2016, 9:50 AM

to rrimolo, UNOOSA, me

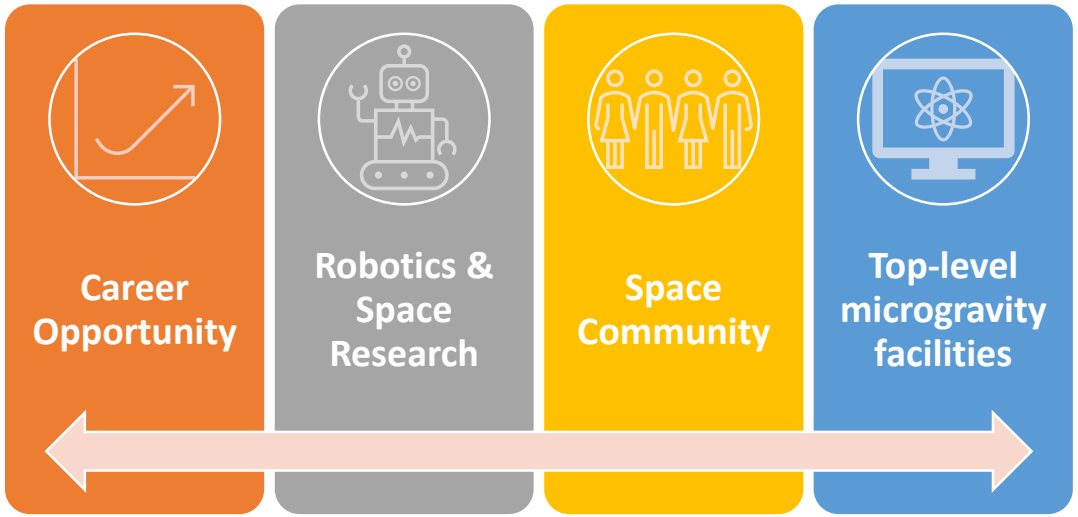
Dear Dr. Rimolo-Donadio,

we are pleased to inform you that your application has been considered favourably, and therefore, your team is being granted the opportunity to conduct your proposed microgravity experiments at the Bremen Drop Tower in Germany in close cooperation with the Center of Applied Space Technology and Microgravity (ZARM).

We would appreciate it very much if you could confirm your participation in the project by completing and returning the attached Terms of Participation (TOP) by 13 May 2016. Please find attached the official letter on your selection.



Why did you apply?



How did the project originate?

(Image: © NASA)

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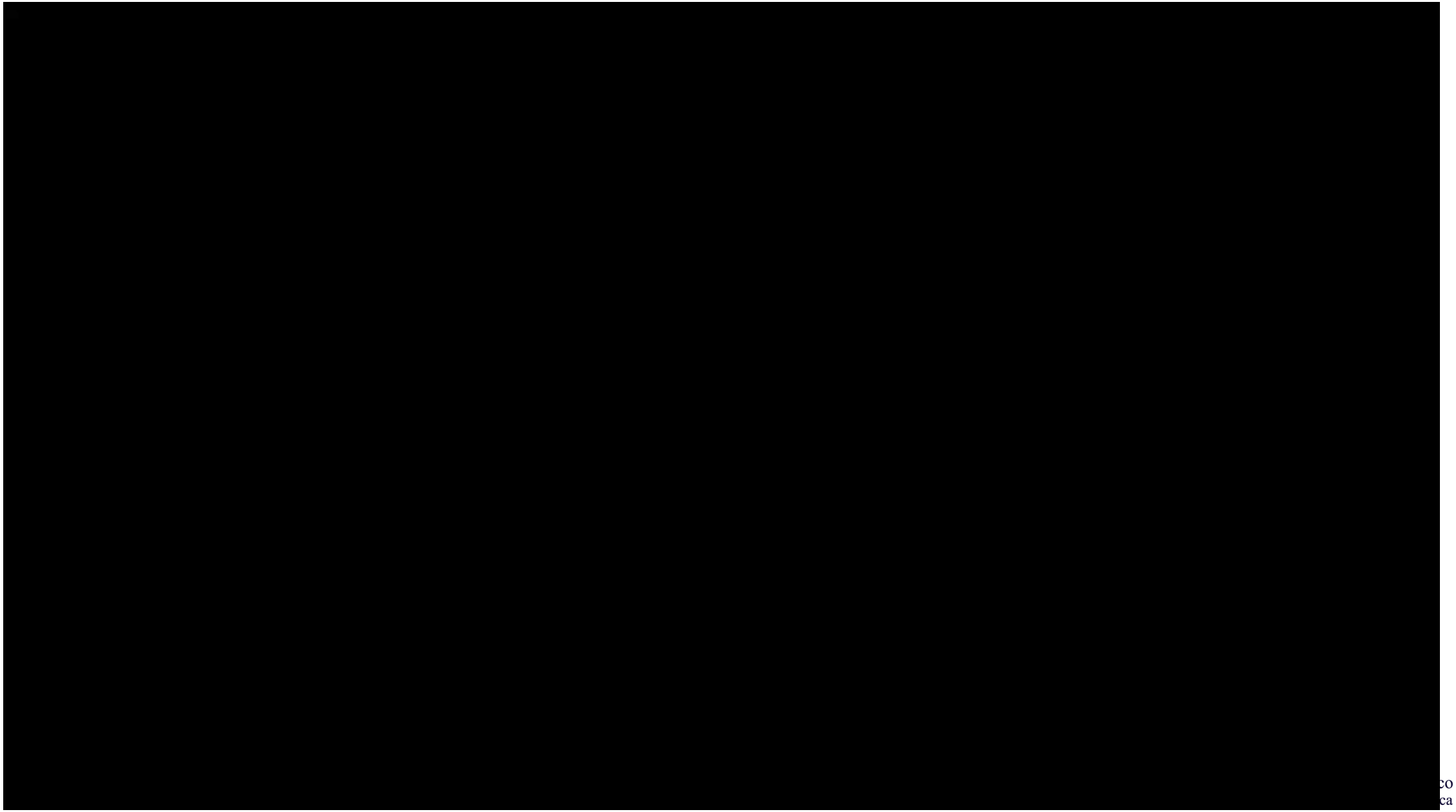
(Image: © New Atlas)

Drop video



Outcomes After DropTES?

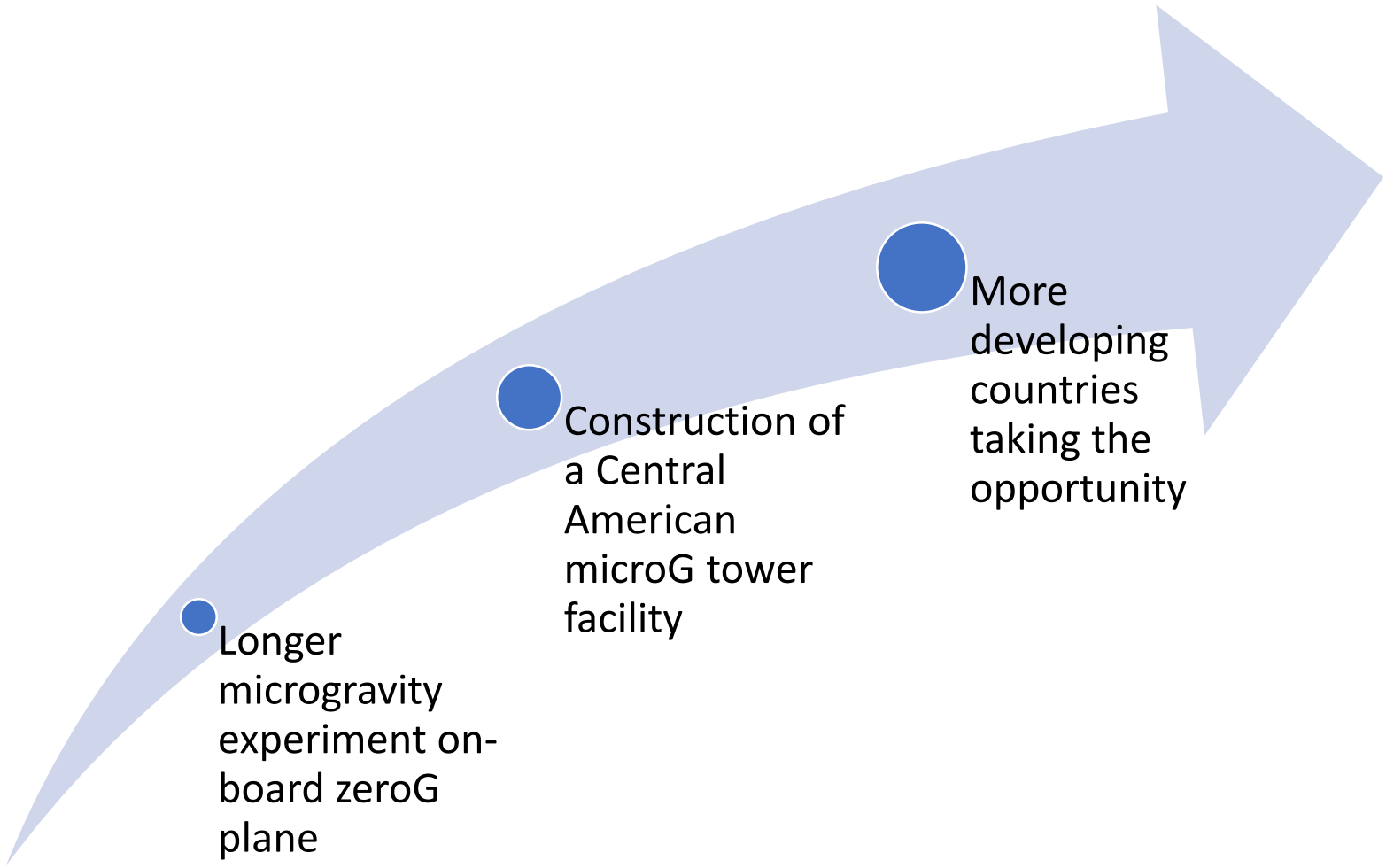
- Conference papers
- Magazine articles
- TV appearances

IAC-17-A2.3.

ANALYSIS OF SCALED ROBOTIC
UNDER MICROGRAVITY

(DoF), about 30 cm
predefined movement
e base, and an inertial
l to the case of Earth
e forces on load cells
behaviour, where the
ntial improvements to
mechanical or robotic
setup and movement

Hopes for the future?



Special Thanks To

UNITED NATIONS
Office for Outer Space Affairs

CENTER OF
APPLIED SPACE TECHNOLOGY
AND MICROGRAVITY
ZARM

Contact Information

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