

EXPLORE: ENTREPRENEURSHIP IN TECH

Program | ACE x CERN

DATES

September 13 & 14, 2021

TIME

9.00 - 17.00 (with drinks after)

ATTENDANCE

is required on both days

LOCATION

on-site @ Startup Village - Amsterdam
Science Park (subject to COVID)

COSTS

Free of charge

QUESTIONS? CONTACT

ACE Program Coordinator - dama@ace-incubator.nl

CERN Tech

Apply Now

WHY JOIN?

Develop your entrepreneurial skills & explore CERN technologies!

Are you interested in entrepreneurship and ground-breaking innovative technologies? Join this 2-day Entrepreneurship in Technology program, where you will be challenged to use your creativity to **develop an idea using existing CERN technologies** or **solve your own challenge using CERN technologies**. You will do this by participating in mini design sprint sessions to create a business case to solve important societal problems.

This program is initiated by [CERN](#), [Nikhef](#), Innovation Exchange Amsterdam ([IXA](#)) and executed by ACE Incubator ([ACE](#)).

FOR WHOM?

- Individuals and teams up to 4 persons;
- From diverse backgrounds, ranging from the arts to deep tech;
- Based in the Netherlands;
- Individuals or teams interested in creating applications from CERN technologies.

WHAT IS CERN?

CERN helps to uncover what the universe is made of and how it works. They do this by providing a unique range of particle accelerator facilities to researchers, to advance the boundaries of human knowledge. Their Knowledge Transfer group aims to engage with industry experts within science and technology to create opportunities for the transfer of CERN's technology and know-how. The ultimate goal is to accelerate innovation and maximize CERN's global positive impact in society.

PRIZE

The winning pitch will receive 500 EUR and will have the opportunity to attend CERN's [screening week](#) in Geneva, Switzerland from Oct 25 - 29 (subject to COVID).

Please note: The travel expenses will be covered partially. To participate in this event, we kindly ask you to keep those dates available in case you are selected.

DEADLINE

September 6th, 2021

Limited spots available, don't miss out!

KEY LEARNINGS

Throughout the program you will:

- 1 Learn about CERN and their technologies from an expert
- 2 Learn how to create, develop and iterate your innovative idea by following the design sprint methodology
- 3 Learn how to structure and deliver your best pitch
- 4 Get inspired and learn from an accomplished entrepreneur to get you started!

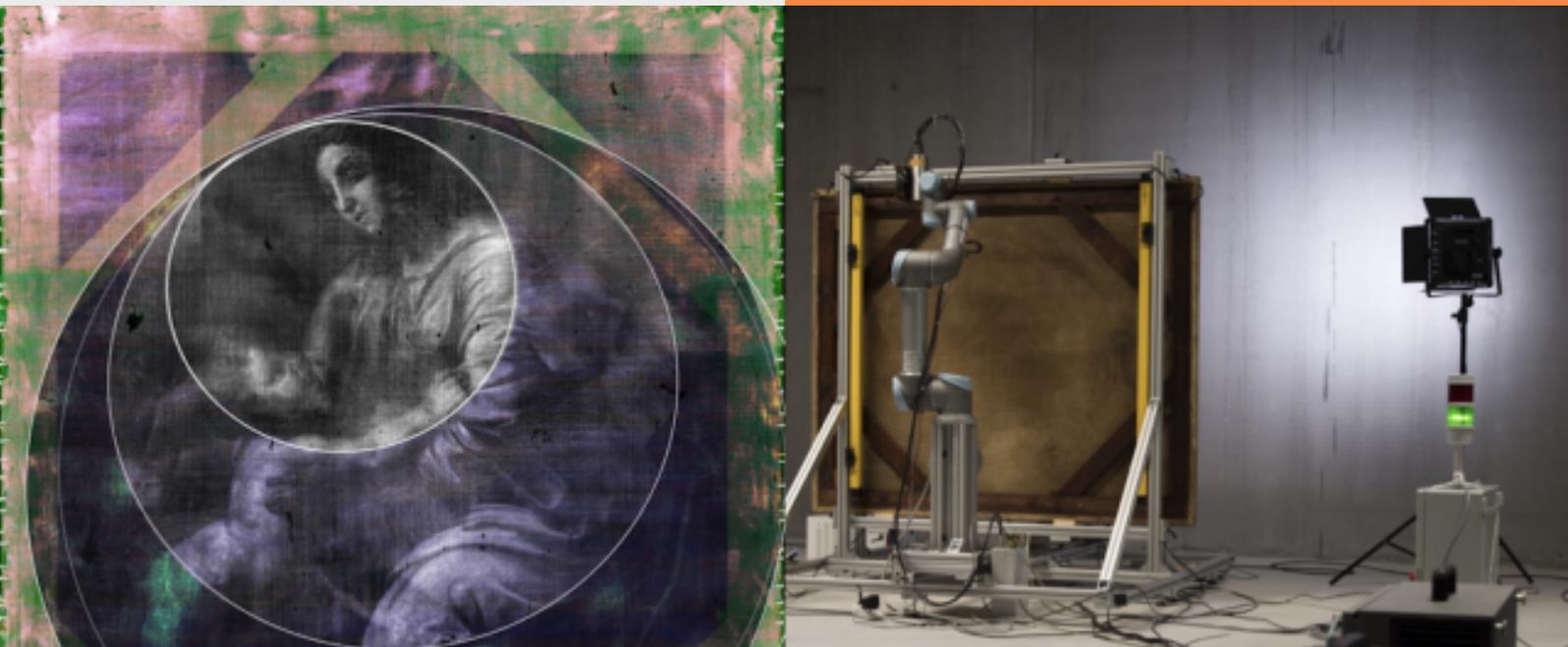
PROGRAM OUTLINE

DAY 1

- Welcome and introduction
- CERN tech briefing & examples
- Design sprint (part 1)
- Pitch training: tips & tricks

DAY 2

- Design sprint (part 2)
- Meet the founder - entrepreneurship session
- Pitch competition



CERN TECHNOLOGY SUCCESS STORY

A long-lost painting by Raphael, rediscovered!

Over the past several years, particle physics technology has allowed researchers to authenticate artwork through their composition, without affecting the object under analysis. The latest example is The Madonna and Child, a painting on canvas from a private collection.

In 2020, the Czech start-up InsightART successfully helped attribute the painting to the Renaissance master Raphael, using RToo, a state-of-the-art robotic X-ray scanner, composed of an X-ray source, Timepix photon detectors capable of taking spectroscopic X-ray images, and a robotic platform. InsightART obtained 11 high-resolution images taken at different X-ray wavelengths, enabling experts to map the elemental composition of the paint and acquire more precise information about the painting. InsightART won the ArtTech Prize 2020, an acknowledgment of the role of CERN technology in the service of art.

Find more success stories [here](#).