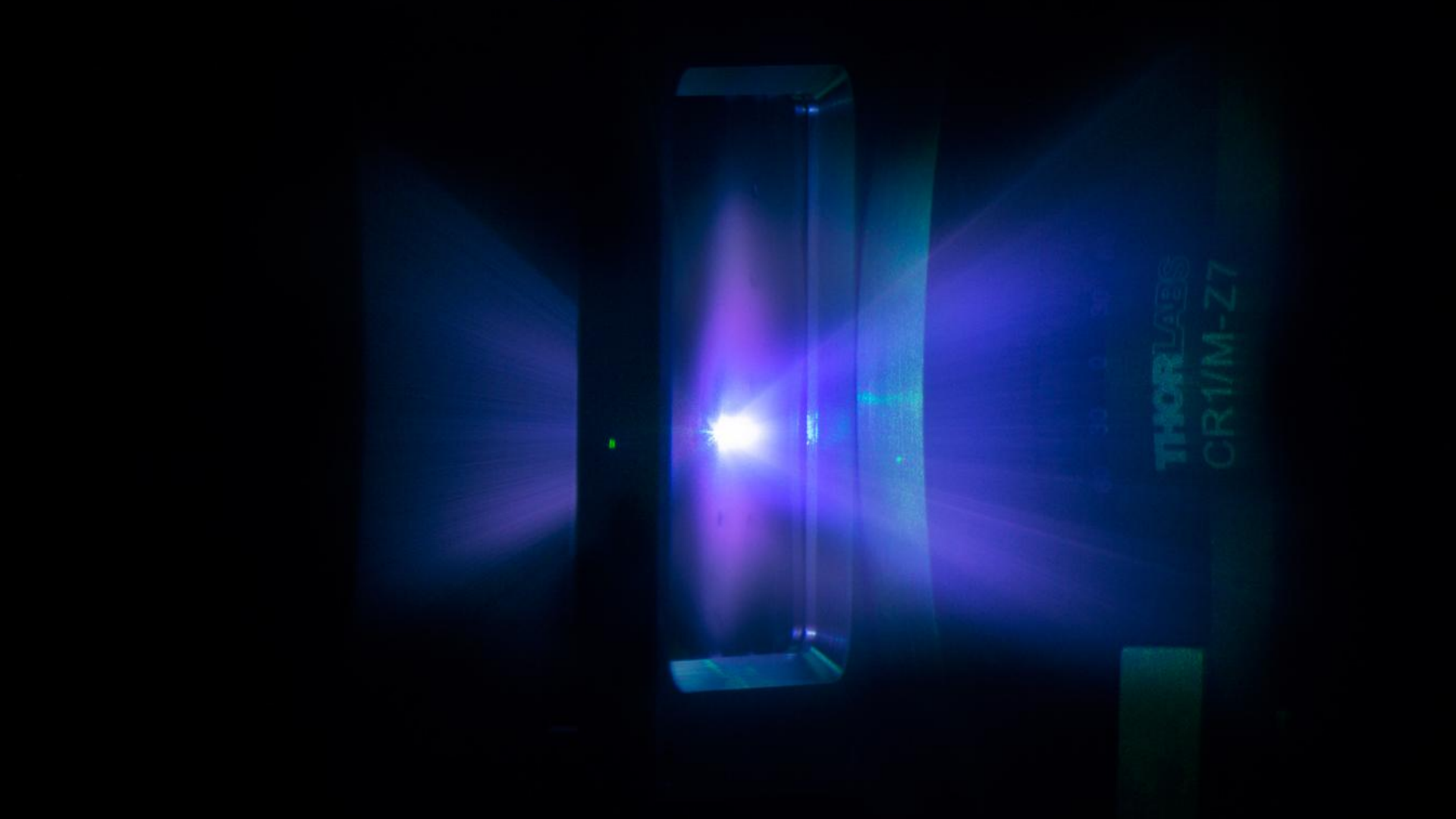
WHAT IF WE COULD LOOK AT THE SUN WITH X-RAY VISION

CAN COMMONLY UNDERSTOOD FIELDS OF ARTISTIC AND SCIENTIFIC PRACTICE BE REDUCED TO A SENSE OF CURIOSITY AND A DESIRE TO COMMUNICATE?

Alistair McClymont, a self-initiated project


THORLABS
CR1/M-Z7

Can an object be made that is simultaneously science and art. Having useful contributions in both fields?

What would happen if I call myself and artist and a physicist?

Through artistic endeavour can i make a new contribution to science, while making interesting art?

A series of propositions that are constantly redefined througout the project.

This is a project to document ongoing research into art and science. To investigate the similarity between scientists and artists. The hypothesis is that both ultimately search for truth and both see beauty in that truth.

“The scientist wishes to find in the reality in which he lives a certain oneness and totality, or wholeness, constituting a kind of harmony that is felt to be beautiful. In this respect, the scientist is perhaps not basically different from the artist”

DAVID BOHM, On Creativity

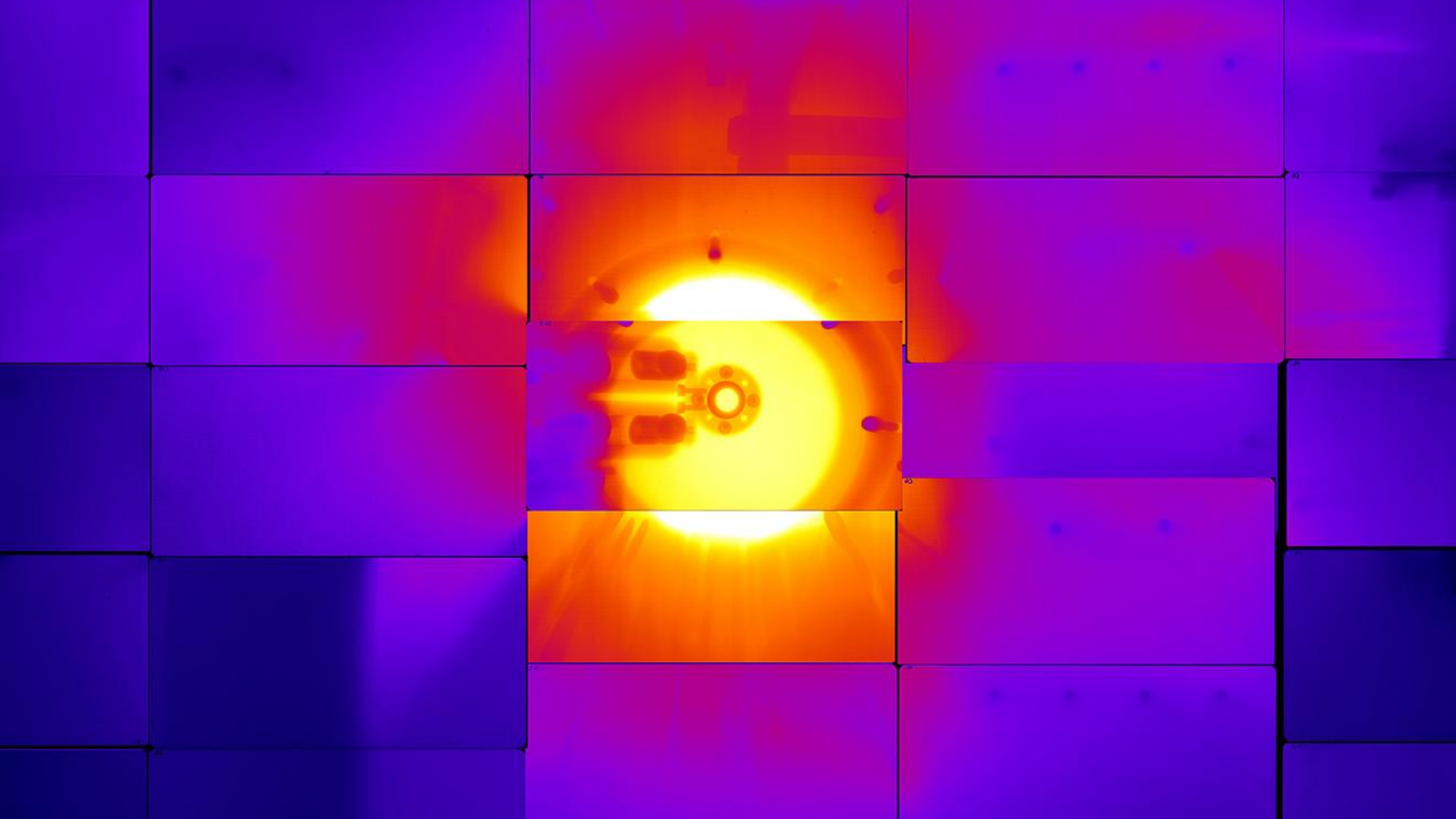
METHODS

ARTWORK
INTERVIEWS
ESSAYS
WEBSITE FRAMEWORK
INSTIGATION OF NEW PROJECT

CREATE AN OBJECT THAT IS SIMULTANEOUSLY SCIENCE AND ART. HAVING USEFUL CONTRIBUTIONS IN BOTH FIELDS

What if we could look at the sun with x-ray vision (contact x-ray plates on the Vulcan Target Area West vacuum chamber, 36 separate shots)

A McClymont with C M Brenner, S R Mirfayzi, D R Rusby, C Armstrong, A Alejo, L A Wilson, R Clarke, H Ahmed, N M H Butler, D Haddock, A Higginson, C Murphy, M Notley, P Oliver, R Allott, C Hernandez-Gomez, S Kar, P McKenna and D Neely




Laser-driven x-ray and neutron source development for industrial applications of plasma accelerators

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Laser-driven x-ray and neutron source development for industrial applications of plasma accelerators

C M Brenner[1], S R Mirfayzi[3], D R Rusby[1,2], C Armstrong[1,2], A Alejo[3], L A Wilson[1], R Clarke[1], H Ahmed[3], N M H Butler[2], D Haddock[1], A Higginson[2], A McClymont[1], C Murphy[4], M Notley[1], P Oliver[1], R Allott[1], C Hernandez-Gomez[1], S Kar[3], P McKenna[2] and D Neely[1]

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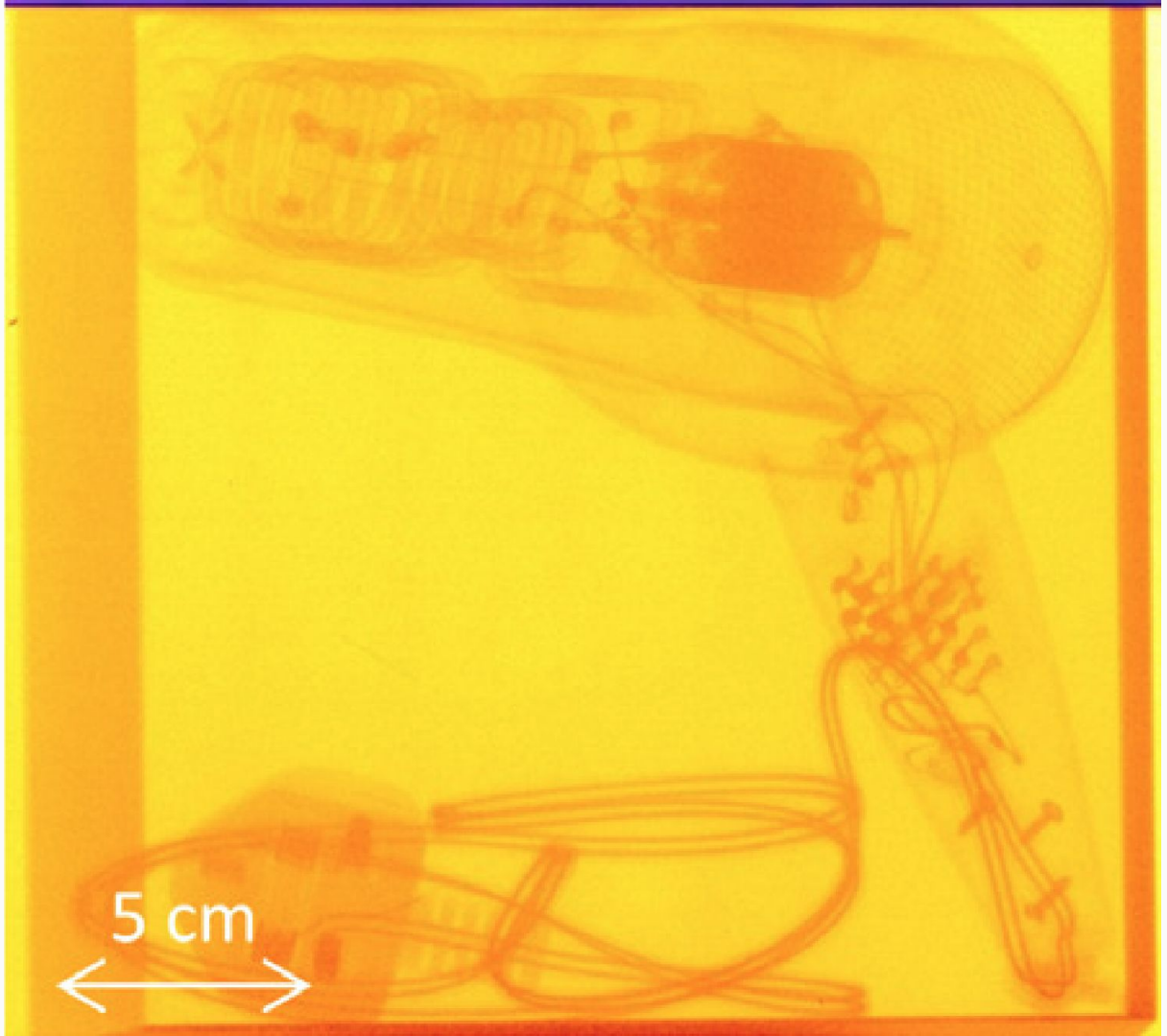

5 cm

SUPRA SYSTEMS BOOK
Essay: *What if we could look at the Sun with x-ray vision*

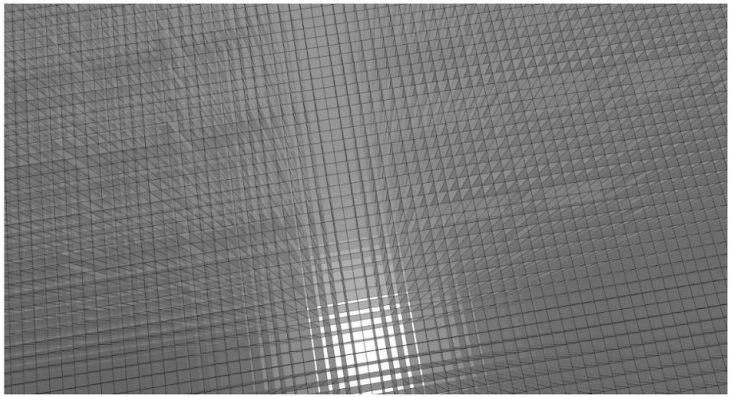
A WEBSITE TO ACT AS A TOOL FOR PRACTICE BASED RESEARCH

SCIENCE.AM is coded and structured around the methodologies of my practice based research

SCIENCE.AM IS A PROJECT BY ALISTAIR MCCLYMONT TO DOCUMENT ONGOING RESEARCH INTO ART AND SCIENCE. TO INVESTIGATE THE SIMILARITY BETWEEN SCIENTISTS AND ARTISTS. THE HYPOTHESIS IS THAT BOTH ULTIMATELY SEARCH FOR TRUTH AND BOTH SEE BEAUTY IN THAT TRUTH.

A NEW PROJECT

TEXT | JANUARY 10TH, 2019



I've began new discussions with physicists from the Central Laser Facility around working on another project with them, we are both interested in the creative possibilities of working together. This new project will be around creating a device that can see x-rays or neutrons. The really exciting aspect of this project is that we will be making devices to see the world in a different way, in this way the project cuts to the core of the foundation of art and science.

I'm excited to be working on something that lets you see the world in a different way, its a…

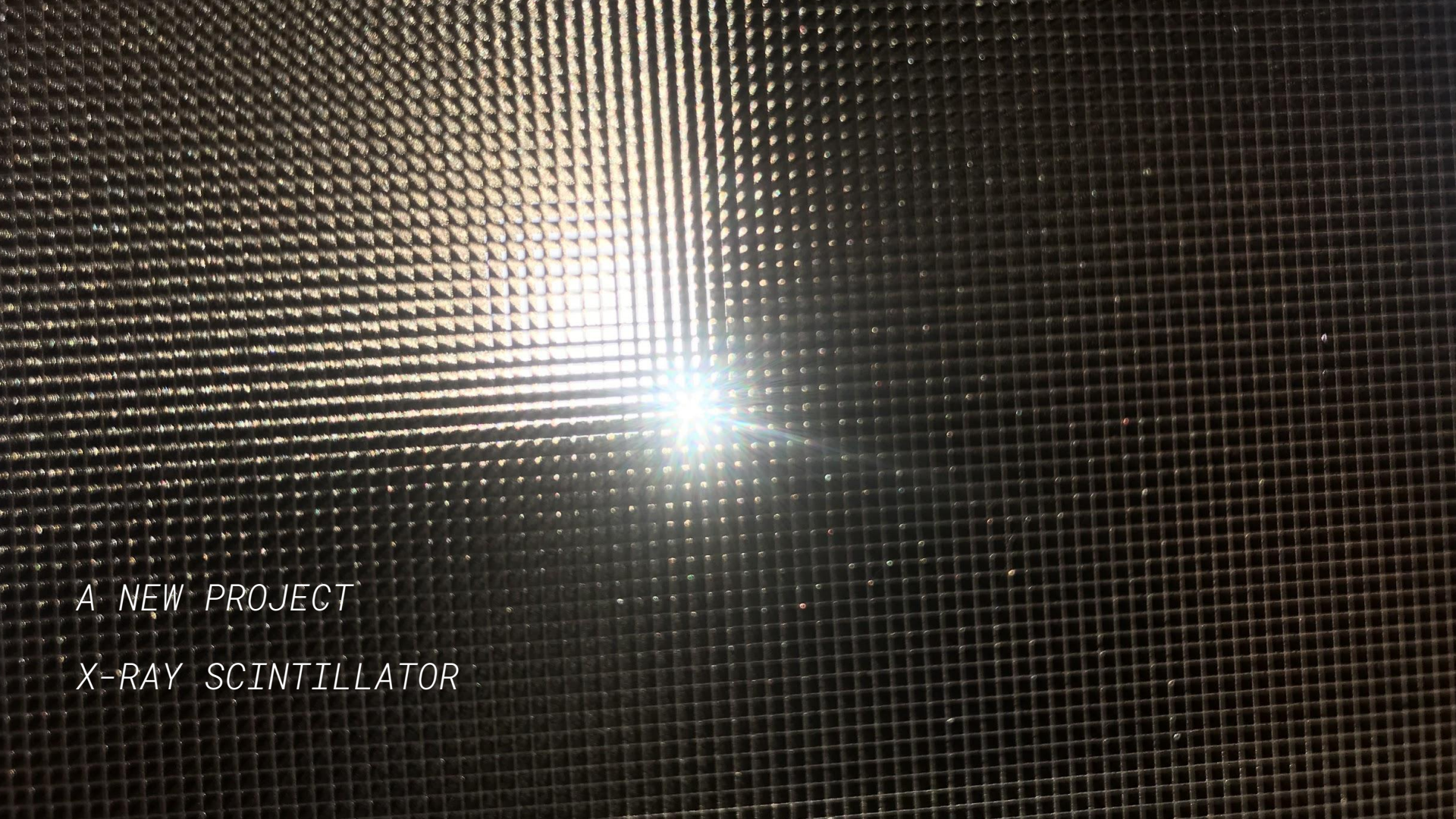
RESEARCH PAPER

The SCIENCE.AM website is a project to document ongoing research into art and science. This is a full collection of posts related to these projects.

SCIENCE.TEXT contains writing on science, art and other influences.

SCIENCE.LAB is a place where experiments, tests, records of activity are recorded.

find out more about this project and Alistair McClymont and SCIENCE.AM on the ABOUT page


A NEW PROJECT
X-RAY SCINTILLATOR

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