

Statement of Work

Artist-in-Residence in the Directorate of Science

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1. SCOPE OF THE DOCUMENT

This document describes the activities to be carried out and the deliverables required by the European Space Agency in relation to the “Artist-in-Residence” opportunity in the Science Directorate.

This document will be part of the Purchase Order and shall serve as an applicable document throughout the execution of the residency.

Throughout this document the term *artist* is used in the broadest sense to include creative professionals whose practice is in a traditional artistic field, such as, but not limited to, painting, sculpture, or music composition, as well as the performance arts (e.g., film-making, acting, dancing), and more recent emerging fields, such as digital art. Similarly, the term *scientist* encompasses technical experts, including but not restricted to astronomers, physicists, and engineers, in the Science Directorate at ESA/ESTEC. The term *Contractor* or *Supplier* refers to the artist selected by a Jury for the residency.

1.1. Applicable Documents (ADs)

[AD1]: ESA General Purchase Conditions, available to consult:
<https://www.cosmos.esa.int/web/artist-in-residence/>

1.2. Reference Documents (RDs)

The following documents and resources can be consulted by the Contractor as they contain relevant information:

[RD1]: Artist-in-Residence – pilot project in the Science Directorate:
<https://www.cosmos.esa.int/web/artist-in-residence/>

[RD2]: ESA’s Science Programme:
<http://sci.esa.int/home/51459-missions/> and
<https://www.cosmos.esa.int/mission-publications>

[RD3]: ESA’s Portal for Space Science:
http://www.esa.int/Our_Activities/Space_Science

[RD4]: ESA's Art & Culture Portal:

http://www.esa.int/About_Us/Art_Culture_in_Space

[RD5]: *Art & Science @ ESA* blog:

<http://blogs.esa.int/artscience/>

[RD6]: Draft Purchase Order: available from

<https://www.cosmos.esa.int/web/artist-in-residence/documentation>

1.3. Acronyms and Abbreviations

ESA European Space Agency

ESTEC European Space Research and Technology Centre

1.4. Background and Objectives

1.4.1. Background

In recent years the Science Directorate at ESA has supported a number of formal and informal activities with artists (see RD4 and RD5 for examples). Each has been a unique and distinct effort—highly successful in its own right whilst targeting a particular mission or opportunity. Informal evaluation indicates that these activities have benefitted artists as well as scientific and technical experts involved in the projects. The artists were exposed to ideas that could inspire and influence their practice; the experts experienced directly the cultural and artistic aspects of their work and its impact on society.

Building on these experiences, the Directorate planned an ArtScience pilot programme to facilitate and evaluate different approaches to collaboration between artists and scientists—henceforth, ArtScience collaborations. The Artist-in-Residence opportunity, in which an artist is embedded for a period of time with one or more scientists at ESA/ESTEC, is one of four distinct activities that comprise the pilot programme.

With the ongoing COVID-19 pandemic and the uncertainties associated with international travel it is not considered feasible at this stage to issue a call to the international art community. However, a call restricted to local artists, in this case artists who are resident in the Netherlands, would allow for some in-person meetings

under strictly controlled health and safety conditions while also facilitating progress on some aspects of the pilot programme.

1.4.2. Objectives

ArtScience collaborations are learning experiences for individual artists and scientists, and for the organisations that host them. These collaborations introduce different norms of thinking and production to each party, which may act as a catalyst for new ways of thinking about the fundamental questions to which artists and scientists are seeking answers. Although the outcome of an ArtScience collaboration cannot be prescribed, specific objectives have been identified for the Artist-in-Residence opportunity, as indicated below.

The overall objective is:

1. to establish professional collaborations between scientists (based at ESA/ESTEC) and artists, which will allow both parties to explore possibilities that would not usually arise in their professional collaborations.

Additional objectives are:

2. to provide the artist with the opportunity to develop a detailed awareness of how and where science is done, specifically the science related to the missions of the Science Directorate,
3. to provide scientists at ESA/ESTEC with first-hand experience of working with an artist on a project of common interest, and
4. to provide opportunities for scientists at ESA/ESTEC to enter into dialogue with scientists from other disciplines and with people from society at large in forums moderated by art and cultural professionals.

2. WORK TO BE PERFORMED

The Artist-in-Residence opportunity for the Science Directorate is modelled on examples of best practice for ArtScience collaborations in large organisations. An important condition for enabling fruitful collaborations is the provision of opportunities that catalyse discussion and interaction. The work to be performed under the Artist-in-Residence opportunity focusses on these catalytic opportunities and therefore requires that the artist be present at ESA/ESTEC for a period of 6-8 weeks to allow

sufficient opportunities to interact with scientists at the site¹. Interactions can be structured—in the form of seminars, dedicated meetings, brainstorm sessions, or workshops; and unstructured—such as informal conversations or serendipitous participation in science activities of the Directorate.

2.1. Tasks

An essential element of any Artist-in-Residence opportunity is serendipity, therefore any scheme should be constructed to foster the possibility for unanticipated collaborations and projects to emerge. One approach is to have a loose framework of predefined interactive events, which act as catalysts for further interactions and collaborations, as well as sufficient unstructured time to allow the artists and scientists the opportunity to reflect on the interactions and to pursue unexpected leads. The predefined events are described below.

2.1.1. Task 1: Deliver an arrival seminar

- **Input:** ESA to discuss the content, format, and timing of the arrival seminar with the Artist-in-Residence.
- **Task description:** The Artist-in-Residence shall deliver a seminar at ESA/ESTEC, describing their practice and what they wish to achieve during their residency. The main purpose of the seminar is to provide an opportunity for the artist to provide context for their residency, to describe their work and how they produce their art, and to establish a forum for discussions about how ArtScience collaborations can enrich the professional activities of artists and scientists.
- **Output:** The arrival seminar shall take place during the first week of the artist's residency. It is foreseen that the seminar shall take the format of a 45-minute presentation followed by a question and answer session; however, an alternative format, such as 'show-and-tell' or an interview, may be proposed by the artist and undertaken if agreed by ESA residency hosts. The arrival seminar, or parts thereof, may be recorded by ESA for use in promotion and evaluation.
- **Approval conditions:** (1) Delivery of seminar in the format agreed with residency hosts. (2) ESA Technical Officer approval.

¹ *Applicable to all tasks:* In these uncertain times it may be necessary to adapt the programme in response to health and safety restrictions, especially those that may be in place to minimise the spread of COVID-19 and to safeguard the health of participants. If this is the case, practical details and alternative options and dates will be discussed and agreed with the winning artist.

2.1.2. Task 2: Organise and run a workshop for ESTEC-based scientists

- Input: ESA to discuss the content, format, and timing of the workshop with the Artist-in-Residence.
- Task description: The Artist-in-Residence shall organize a workshop that enables scientists working at ESA/ESTEC to experience the artist's practice.
- Output: A workshop shall be run by the artist during the residency. This shall provide an opportunity for scientists working at ESA/ESTEC to experience the artist's practice. An initial, outline proposal for the workshop shall be provided at the time of the start of the residency. Details—including the timing, content, format, and number of participants—shall be agreed with the residency hosts no later than three weeks after the start of the residency, with the programme finalised no later than one week before the event itself. The workshop, or parts thereof, may be recorded by ESA for use in promotion and evaluation.
- Approval conditions: (1) Delivery of workshop in the format agreed with residency hosts. (2) ESA Technical Officer approval.

2.1.3. Task 3: Deliver a departure seminar

- Input: ESA to discuss the content, format, and timing of the arrival seminar with the Artist-in-Residence.
- Task description: The Artist-in-Residence shall deliver a seminar at ESA/ESTEC to share their experience of the residency and the effect it has had on their practice. The purpose of this seminar is to provide an opportunity to take stock of the residency, to update interested parties who may not have been directly involved, and to demonstrate some effects of the residency.
- Output: The departure seminar will mark the end of the residency and will be an opportunity for the artist to share their experience of the residency and the effect it has had on their practice. The format and timing of the seminar will be agreed with the residency hosts. The departure seminar, or parts thereof, may be recorded by ESA for use in promotion and evaluation.
- Approval conditions: (1) Delivery of departure seminar in the format agreed with residency hosts. (2) ESA Technical Officer approval.

2.1.4. Task 4: Produce and deliver a tangible record of the residency

- Input: ESA to discuss with the Artist-in-Residence the content and format of the material to be provided.
- Task description: The Artist-in-Residence shall be required to create a tangible record of the ArtScience collaboration developed during the residency. This

may take the form of a portfolio containing, for example, sketches, photographs, text, video and/or audio recordings capturing the experience of the artist during the residency. Alternatively, the record of the collaboration may be in the form of an artwork. The portfolio (the original material or an exhibition-quality copy) and/or the artwork are/is a formal deliverable of the residency and shall remain with the Science Directorate.

- Output: The artist shall deliver a portfolio (original material or exhibition-quality copy) and/or any final artwork to ESA as a record of the residency.
- Approval conditions: (1) Delivery of the material in the format agreed with residency hosts. (2) ESA Technical Officer approval.

2.1.5. Task 5: Support ESA evaluation of the residency

- Input: ESA to provide questionnaires and to organize interviews for the purpose of gathering input for the evaluation.
- Task description: The Artist-in-Residence scheme is one element of a pilot project designed to evaluate the feasibility of a long-term ArtScience programme in the Science Directorate. In this pilot phase it is essential to evaluate the programme. All participants, including the artist, will be expected to provide feedback that may be used in the evaluation before, during and after the residency.
- Output: The artist shall support the evaluation of the residency by providing feedback when requested by ESA.
- Approval conditions: (1) Participation of the Artist-in-Residence in evaluation activities. (2) ESA Technical Officer approval.

3. SCHEDULE

Call opens: 16 September 2021
Call closes: 24 October 2021, 23:39 CEST
Winner contacted: 29 October – 2 November 2021
Start of residency: on or before 22 November 2021

The start date of the residency shall be agreed between the artist and the residency hosts and shall be no later than 22 November 2021.

The artist is expected to spend 6-8 weeks at ESA/ESTEC. This may take the form of two or more visits, of which at least two must be for two consecutive weeks. Expenses for all visits shall come from the residency stipend.

The residency must be completed within 20 weeks of the start date, unless otherwise agreed between ESA and the Artist-in-Residence.

4. FINANCIAL MILESTONES

The residency stipend is paid in two instalments:

35% of the total stipend to be paid upon signature of the Purchase Order.

65% of the total stipend to be paid upon the acceptance by ESA of the deliverables outlined in Section 2 above.

5. APPLICATION PROCESS

Applications should be made using the online form available at: <https://sciencegallery.submittable.com/submit> If you do not wish to use Submittable to apply for this residency please contact Artscience-residency@esa.int to arrange an alternative approach.

Applications are welcome from artists from all backgrounds and experiences.

The application consists of the following five elements:

1. A personal testimony:

- Either a video to introduce the artist, outlining their artistic practice and experience, describing their motivation for applying for this residency with ESA and Science Gallery Rotterdam, and why and how this residency will inspire their work (up to 5 minutes).

or

- A description of the artist's practice and experience, including a statement of their motivation for applying for this residency and an explanation of how and why a residency with ESA and Science Gallery Rotterdam will inspire their work. (Maximum 500 words; pdf format; may include links to material available online.)
2. A description of a possible artistic concept or artistic research, involving one of the themes, that the artist wishes to pursue during the residency. This description should describe a specific outcome of the residency. It is understood that the details may change or evolve as the residency progresses. (Maximum 300 words; pdf format; may include links to material available online.)

3. An outline of two workshops to be held with a group of young people (15-25 years of age). We expect 10-20 participants to take part in both workshops. These two workshops will be facilitated by Science Gallery Rotterdam. The description should indicate the artist's goals for the workshops and describe ideas for how the artist wishes to achieve these goals. (Maximum 200 words; pdf format; may include links to material available online.)
4. An outline of a workshop to be held for scientists working at ESA/ESTEC. The outline should indicate the artist's goals for the workshop and describe ideas for how the artist wishes to achieve these goals. (Maximum 200 words; pdf format; may include links to material available online.)
5. A portfolio showcasing up to five works that best represent the artist's practice (pdf format; may include links to material available online).

A curriculum vitae including, where relevant, details of qualifications, previous exhibitions, participation in residency programmes, public engagement activities. Please send your CV to Artscience-Residency@esa.int and see the CV template (available at <https://www.cosmos.esa.int/web/artist-in-residence/documentation>) for an indication of possible content.

The deadline for receipt of applications is: 23:59 CEST on 24 October 2021

The deadline will be strictly enforced; late submissions will not be considered.

6. EVALUATION CRITERIA

Each application submitted for consideration will be evaluated by a Jury of experts according to the following criteria:

- Aesthetics, originality, and innovative nature of the proposed concept/artistic research at the intersection of art and science
- The contribution that the residency will make to the artist's practice
- Expressed interest in the research topic selected for this residency
- Demonstrated ability to engage with public audiences.

The Jury, comprising representatives from ESA, Science Gallery Rotterdam and additional experts, will meet shortly after the submission deadline. The selected artist will be informed soon after the Jury decision has been reached. Applicants should be reachable via e-mail and phone between 29 October and 2 November to provide further documents (if necessary, eg evidence of residence/nationality) and to discuss the next steps.

The Jury's decision will be final. The name of the winning artist will be published on an ESA website. The artist will be expected to take up their residency on or before 22 November 2021 (see footnote #1).

7. BOUNDARY CONDITIONS FOR THIS CALL

English is the main working language at ESA, therefore the artist must be able to communicate clearly in English.

Ideally, the workshops for young people, facilitated by Science Gallery Rotterdam, will be run in Dutch, therefore it would be an advantage if the artist can speak Dutch.

This residency is open to individual artists (no groups or collectives can be supported for this residency), from any artistic discipline (such as, but not limited to: digital arts, painting, sculpture, dance, video, performance, music, multimedia, photography, writing, drawing, film, but also artists defying categories are welcome), above the age of 18, and resident in the Netherlands.

An artist may submit one proposal only. Proposals must be submitted via the online application form.

A confirmation message will be sent via e-mail as soon as all required documentation has been received.

Only the selected artist will be notified and their name will be published on an ESA website. The decision of the Jury is final.

The award of the residency is subject to the winning artist obtaining clearance to work on site at ESA's establishment ESTEC in the Netherlands.

Employees of the European Space Agency, Science Gallery Rotterdam, and the Erasmus Medical Center, and their family members, as well as members of the Jury and their family members are ineligible to participate.

The residency is governed by a Statement of Work (this document), and a Purchase Order, which includes the ESA General Purchase Conditions. These describe the formal deliverables, payment milestones, intellectual property and ownership of any artwork produced as a result of the residency. A draft Purchase Order is available at <https://www.cosmos.esa.int/web/artist-in-residence/documentation>

Applicants shall explicitly state in their proposal their acceptance of the boundary conditions and the Special and General Purchase Conditions indicated in the draft Purchase Order.