**Open Call: Artist residencies (Short-Term Scientific Missions - STSM)**

COST-funded Action TOOLKIT OF CARE (TOC), CA21102 is pleased to announce an open call for artist residencies (Short-Term Scientific Missions) at two host organisations participating in the Action. We offer one STSM at Intelligent Instruments Lab, Iceland (one person per residency).

TOOLKIT OF CARE is an international Action led by an interdisciplinary group of creative practitioners, academics, researchers and arts organisations that specialise in creative technologies and that have considerable experience in the production and dissemination of this kind of knowledge across Europe and internationally, who have come together to form a “critical network of care”. The network will collaborate to share their collective expertise and technical knowledge employed in creative ways to develop knowledge and methodologies of care. The main aim is to produce a well formulated and integrated TOOLKIT OF CARE comprising articles, prototypes, audiovisual documentation, technical manuals, theoretical analysis, prototypes, and data. It will act as a model of how to successfully share knowledge and expertise across different geographical regions and social groups.

**Grant amount:** Selected participants shall receive a grant of 3000 EUR each, which is expected to cover all fees and expenses related to the residency, including travel expenses, accommodation, subsistence and production costs.

**Residency host institution: IIL**
Host organisation city: Reykjavik
Host organisation country: Iceland
Host organisation url: https://iil.is/
Host contact person name: Thor Magnusson
Host contact person email: thormagnusson@hi.is
Start date of residency: 13th January 2025
End date of residency: 8th February 2025

**The Intelligent Instruments Lab** is an interdisciplinary research lab that investigates the role of artificial intelligence in new musical instruments. Music is our research base, but our methodology is grounded in the experimental humanities. In our lab, we explore how musical instruments can be applied as scientific instruments, for example through sonification.

We study creative AI from a broad humanities basis, involving musicians, computer scientists, philosophers and cognitive scientists in key international institutions. We explore the emerging language and discourse of creative AI, addressing how notions such as agency, autonomy, authenticity, authorship, creativity and originality change with these new technologies.

Our technical approach is to implement new machine learning in embodied musical instruments. We invent instruments that interact, learn and evolve in the hands of the performer. Our theoretical approach is to collaborate with researchers, artists and the public across in key

studies of how creative AI alter our relationship with technology, social interaction and knowledge production.

The ii Lab is located at the University of Iceland, where we work on designing, building and testing new instruments in collaboration with other researchers, musicians and artists. We are based in the humanities with access to the university's advanced workshops and labs. We seek to maintain a strong public engagement, for example through our Friday Open Labs, symposia and musical events.

**Description of residency:**

While Artificial Intelligence (AI) is being widely used with electronic instruments, such as hardware/software synthesizers, little use of it has seen its way into the realm of the acoustic instruments. At the same time, commercial and bespoke acoustic instruments that can be (partly) controlled by computers are being created, including robotic acoustic pianos, MIDI-controlled organs, or even unprecedented interfaces that fit the NIME (New Interfaces for Musical Expression) philosophy. We are interested in artists-researchers exploring the possibilities of using computer-controlled acoustic instruments with various AI frameworks, from a both a compositional and a performative perspective. The residency will result in an Performance at the IIL.

**Criteria for participants:**
For applicants to the IIL residency in Reykjavik, Iceland, please include the following in your proposal:

1. Motivation: Why IIL in Reykjavik, Iceland? Share your reasons and expectations.
2. How does your work align with the residency's theme and the "Toolkit of Care"? (including sustainability, ecological interconnectedness, digital culture, or community engagement.)
3. Detail how your project fits into and contributes to the "Toolkit of Care." (what tangible outputs are envisaged: research papers, code, designs, or exhibition plans, etc… describe how these elements will be developed and shared. Consider how your contributions can be utilised or adapted by others within the context of care in electronic arts.)
4. Examples of current or previous exhibitions and projects.

**Technical Requirements**

1. Software and Hardware Needs: List any specific software (including versions and platforms) and hardware (including types of computers, operating systems, and peripheral devices) that you will require for your project.
2. Tools and Space: Detail any additional tools, equipment, or space requirements for your project. Include information on the desired setup, size, and any environmental conditions necessary to successfully conduct your work.

3. Please list what you will supply and what you need from IIL. Available equipment, resources that the host can offer: Fully equipped workshop space for work with electronics/physical-computing, space for experimentation, installations and work with audio, consumables, up to 10 monitor loudspeakers, 2 PA with subwoofers, projectors, screens, flat screen TVs, 3d-printer, EEG-headsets, sound-devices mixers, recorders, DMX lighting controller, various sound cards. IIL can provide limited technical assistance.

**WHO CAN APPLY:**
Practitioners/researchers of any nationality or place of residency affiliated with an academic or other legal entity in one of these countries:
Albania, Algeria, Armenia, Austria, Azerbaijan, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Egypt, Estonia, the Faroe Islands, Finland, France, Georgia, Germany, Greece, Iceland, Ireland, Israel, Italy, Jordan, Kosovo, Latvia, Lebanon, Libya, Lithuania, Luxembourg, Malta, Republic of Moldova, Montenegro, Morocco, Republic of North Macedonia, Netherlands, Norway, Palestine, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Syria, Tunisia, Turkey, Ukraine (government controlled areas), United Kingdom, as well as in one of the EU Member States Outermost Regions (French Guiana, Guadeloupe, Martinique, Mayotte, Reunion Island and Saint-Martin, Azores and Madeira, and the Canary Islands)

**Note**: Host institution must be located in a different country than the applicant's country of affiliation.

*Examples of such an affiliation (non-exhaustive list): work contract, enrolment in a programme (ie. PhD or Post-Doctoral), voluntary service in an NGO, emeritus professorship, etc

**Documentation of STSM:** Residents, with assistance from their host institution, are expected to document all stages of their project, keeping in mind the need to evidence the project's relevance to the aims of TOC. They are also expected to share a brief blog post for the TOC website.

**HOW TO APPLY**:

***Please read carefully the application instructions and ensure all steps of the application process are taken, to ensure your application is complete. Incomplete applications will not be considered.***

1. Complete the application template which shall be previously downloaded from HERE: https://nextcloud.anulios.space/s/mnsodig4NTSPpQG
2. Please include a link to your CV and to your portfolio (if applicable).
3. Email filled application form directly to the host institution you are applying to. Please title your email: "COST STSM application [YOUR NAME]"

**Contact details for application submission** and enquiries:
thormagnusson@hi.is

**Submission deadline:** 23rd December 2024 at 23:59 EET

Successful candidates will be informed by 2nd January 2025 with further instructions. Please note we are unable to provide feedback to unsuccessful applications.

*This grant is part of the COST (European Cooperation in Science and Technology)-funded Action: TOOLKIT OF CARE (TOC), CA21102*
*(https://www.cost.eu/actions/CA21102/#tabs+Name:Description)*

**COST (European Cooperation in Science and Technology) is a funding agency for research and innovation networks. Our Actions help connect research initiatives across Europe and enable scientists to grow their ideas by sharing them with their peers. This boosts their research, career and innovation.*
*https://www.cost.eu/*

cost
EUROPEAN COOPERATION
IN SCIENCE & TECHNOLOGY

**Funded by the European Union**