



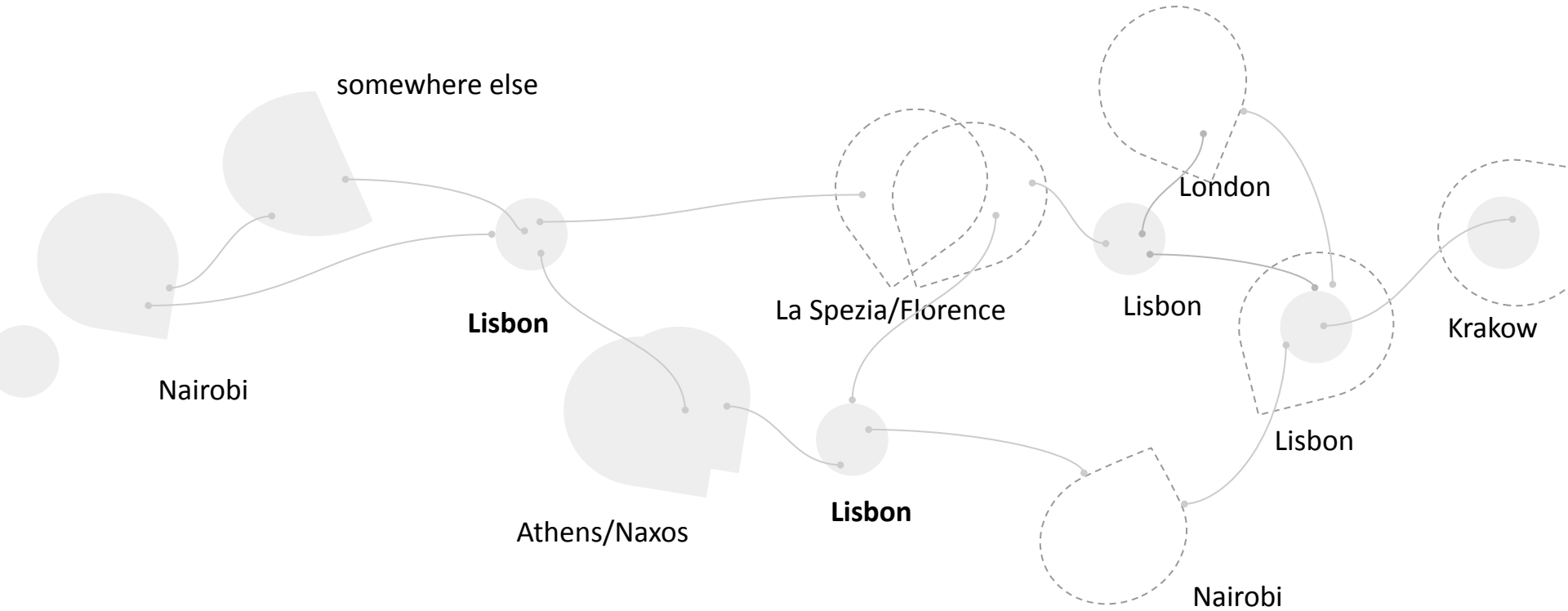
International Conference: Enhancing Artistic Experience in Hybrid Environments

Iterating *Nomadic Fragment* Operative Concepts within Material Hybridisms in Artistic Research Training toward Public Dissemination

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Past iterations of the nomadic fragment – hybrid material thinking and practice flow



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aulas abertas desenho e ilustração
masterclass de vivian leticia busnardo marques
apresentação da revista umbigo #88 biotilia / liberdade, e do jornal umbigo online #1
seminário #4 — experiências de investigação, metodologias de pesquisa em arte e ensino
bilhete-paralelo_protocolo com cinetoscópio — cinema fernando lopes
conversa com monica gagliano (human entities 2024)
entrelaçar — conservação de património fbaul
17ª edição gab-a galerias abertas das belas-arts
seed — means for a sustainable art practice
obscura luz — exposição no âmbito da 5ª edição da grão — residência artística e de investigação

o fra(g)me(nte) nómada — workshop do projecto caphe



14 JULHO 2023 > 14H00 | ÁTRIO EM FRENTE À PRESIDÊNCIA
Workshop exclusivo para os alunos da Faculdade de Belas-Artes.

Um Fragmento é uma coisa que pode ser qualquer coisa na prática criativa das artes e humanidades. Em Nairobi, uma porção de terra transforma-se num corpo de barro e depois num fazer criativo coletivo, numa peça de cerâmica, num objeto de desejo ou de utilidade, ou na captura de um espaço de realidade mista. Partindo de um workshop de imagem 360° e cerâmica, realizado em Nairobi na Universidade Kenyatta, CAPHE propõe um workshop experimental centrado em múltiplas instâncias de criação material híbrida. Partiremos destas evidências físicas ou digitais (imagens impressas de peças de barro de Nairobi, as peças de barro cozidas, projeções de imagens de peças de barro na mesa e na parede, a projeção de imagens 360°, porções de barro cru, etc.) considerando-as como instâncias de criação de materialidades híbridas (imagens impressas de peças de barro de Nairobi, as peças de barro cozidas, projeções de imagens de peças de barro na mesa e na parede, porções de barro cru, etc.) e tomando-as como fragmentos para criar em conjunto outros futuros fragmentos que se tornam novamente alguma coisa.

Projeto CAPHE — Communities and Artistic Participation in Hybrid Environments- 01086391 Marie Curie Actions Horizon — 2021-SE

Palavras-chave: Treino da investigação artística, criação artística intermédia e participação em ambientes híbridos.

Coordenação: Helena Elias e Mónica Mendes, investigadoras da equipa portuguesa do CAPHE

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o fra(g)me(nte) nómada — iteração II – workshop do projeto caphe



21 MARÇO 2024 > 14H30-17H00 | SALA / LABORATÓRIO 2.31
Workshop exclusivo para alunos da Faculdade de Belas-Artes

Refletindo a continuidade e evolução do conceito de "fra(g)me(nte) nómada", nesta segunda iteração do workshop partimos das experiências anteriores às quais acrescentamos materiais híbridos resultantes das atividades realizadas na mobilidade do projeto CAPHE na Grécia.

Neste âmbito, exploramos a possibilidade de desenhar em Realidade Virtual (RV) sobre documentação visual a 360°, e de utilizar fragmentos da natureza, como seixos de mármore e argila proveniente da ilha de Naxos, com barros da FBAUL. As composições resultantes virão as ser os referentes de experiências em realidade aumentada (RA), onde se pretende explorar ações de subtração e adição, apresentando desta forma fragmentos transitórios digitais da documentação das performances ao vivo, que combinam criações artísticas de educação de ópera, RA e RV com a participação de alunos de Itália e do doutoramento da FBAUL.

Integrada no projeto CAPHE, a experimentação a realizar neste workshop constitui-se assim como uma forma de disseminação ativa assente no conhecimento e criação de várias formas de materialidade transitória, e como precursora da investigação a desenvolver na mobilidade seguinte.

Projeto CAPHE — Communities and Artistic Participation in Hybrid Environments- 01086391 Marie Curie Actions Horizon — 2021-SE

Palavras-chave: Formação em investigação artística, criação artística intermédia e práticas distributivas em ambientes híbridos.

Coordenação: Helena Elias e Mónica Mendes, investigadoras da equipa portuguesa do CAPHE

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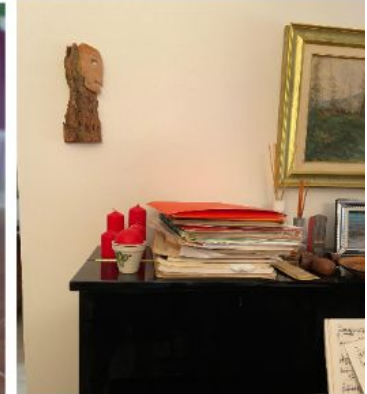
Nomadic Fragment workshop iterations I and II

Nairobi

First **spatial contact nodes** on hybrid materiality: creative clay and 360 workflow



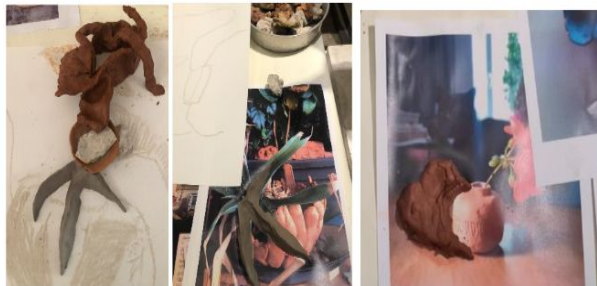
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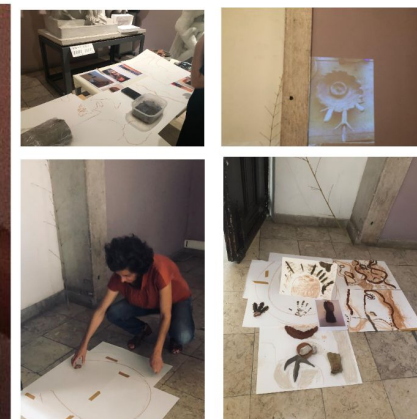
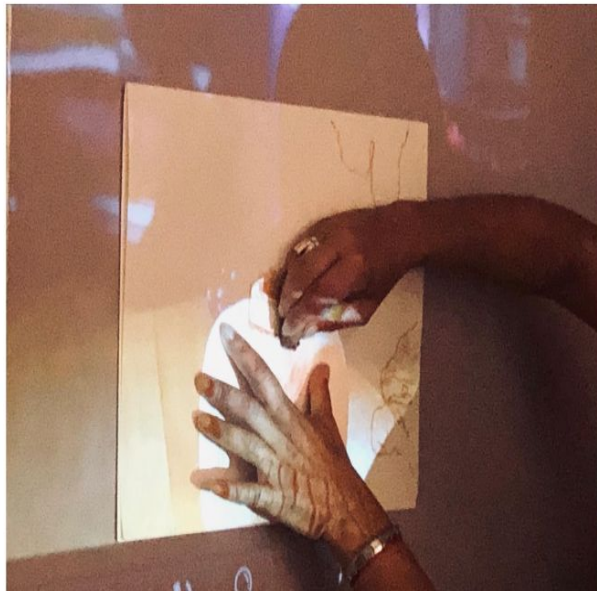
Nomadic fragment hybrid materiality:
Time slices – documenting sites where
craftworks were displayed when
participants returned home.

Lisbon

(In)print (impression)
Light casts



Nomadic
fragment
workshop I



transitional sites

Printed images and image projections of documented craft works, direct clay casting as printed images; light castings to draw

Lisbon



360 workflow of video footages

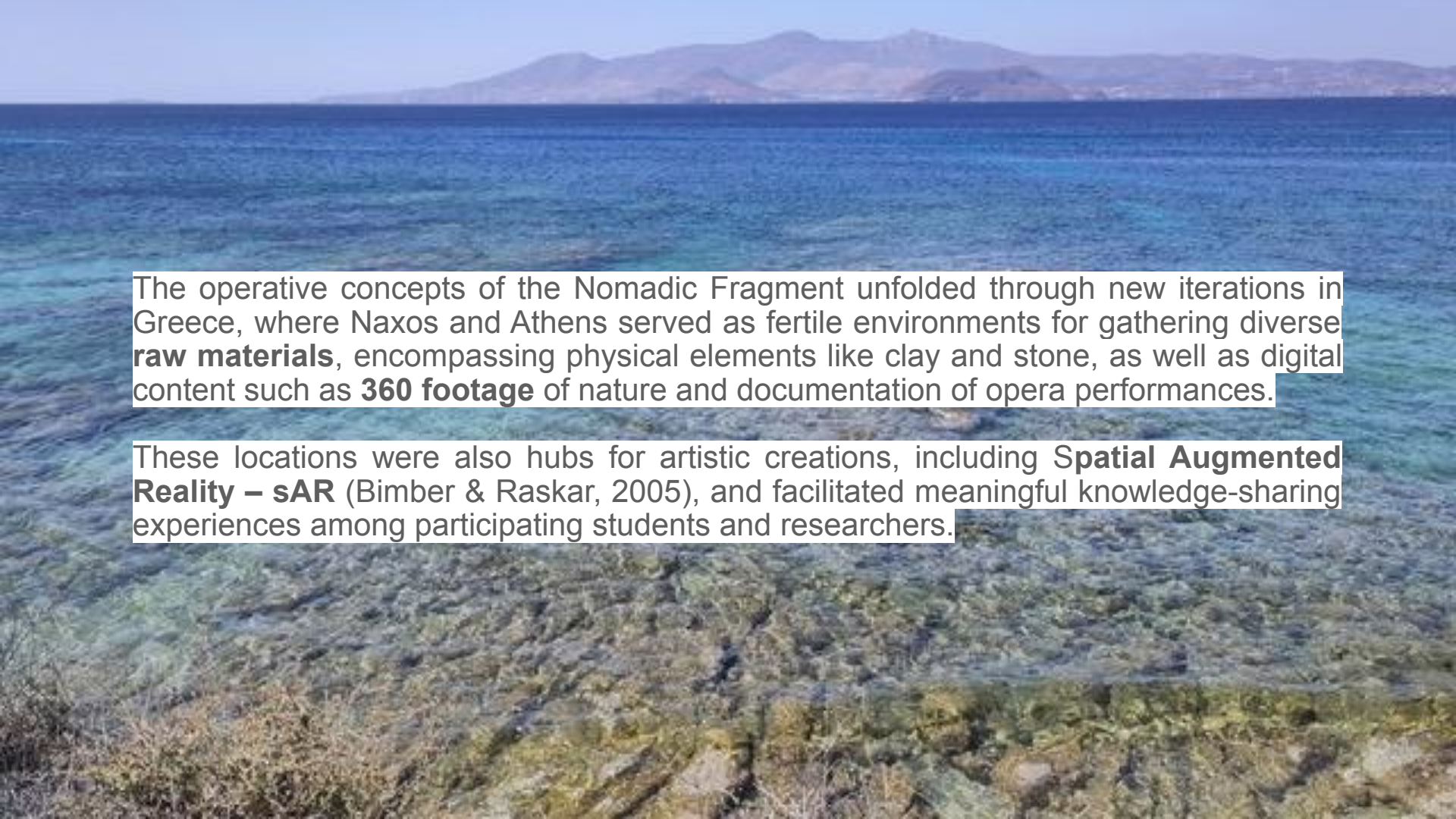


Continuum
transitionality
Spatial-material
nodes
time slices
Provisional art
taxonomies
Collaborational
choreographies



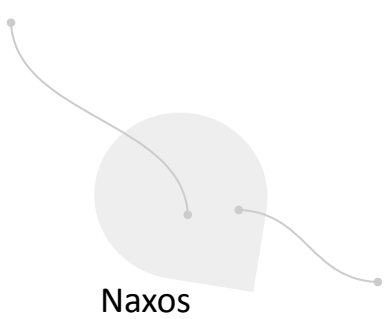
VR experiencing of video footages





The operative concepts of the Nomadic Fragment unfolded through new iterations in Greece, where Naxos and Athens served as fertile environments for gathering diverse **raw materials**, encompassing physical elements like clay and stone, as well as digital content such as **360 footage** of nature and documentation of opera performances.

These locations were also hubs for artistic creations, including **Spatial Augmented Reality – sAR** (Bimber & Raskar, 2005), and facilitated meaningful knowledge-sharing experiences among participating students and researchers.



Collecting clay
Videoart
sAR
360 documentation






*Simultaneities and remediation:
stone texture - surface for digital
projections as spatial
augmented reality (sAR)*

*Bimber, O., & Raskar, R. (2005), Spatial Augmented
Reality: Merging Real and Virtual Worlds*

Hybrid materialities
Mixed textures
Videoart
sAR
360 documentation
Cultural immersion





Athens/Naxos



Collecting clay
Videoart
sAR
360 documentation

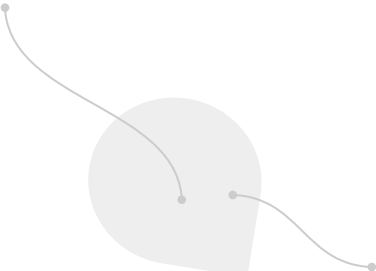




Naxos

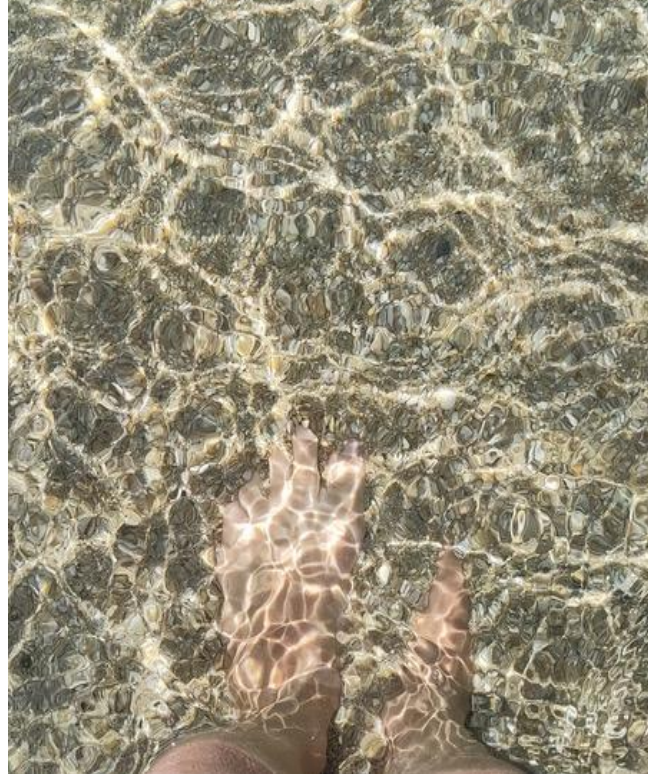


Hybrid materialities
Nomadic fragment
Cultural immersion (Kouros
of Potamia / Kouros of
Faranga, Chora Castle)



Naxos / Athens
—> Lisbon

Hybrid materialities
Dissemination
Nomadic fragment



The Nomadic Fragment – Iteration II

*Workshops as a means to
distribute the ability to create,
fostering a multiplier effect
through shared knowledge
and resources*

*Yuill, Simon (2004) "All Problems of Notation Will
be Solved by the Masses: Free Open Form
Performance, Free/Libre Open Source Software,
and Distributive Practice." Policy 10, no. 6: 64-90.*

Hybrid materialities
Distributive practices
Knowledge dissemination



The Nomadic
Fragment
– Iteration II

Previous mobility
dissemination
360 Footage
VR experience
Immersive environments
“Presence” dimension



The Nomadic Fragment – Iteration II

*Users --> creators,
not consumers,
as in proprietary knowledge*
(Yuill 2004)



Distributive practices
Knowledge dissemination
sAR
Immersion



The Nomadic Fragment – Iteration II

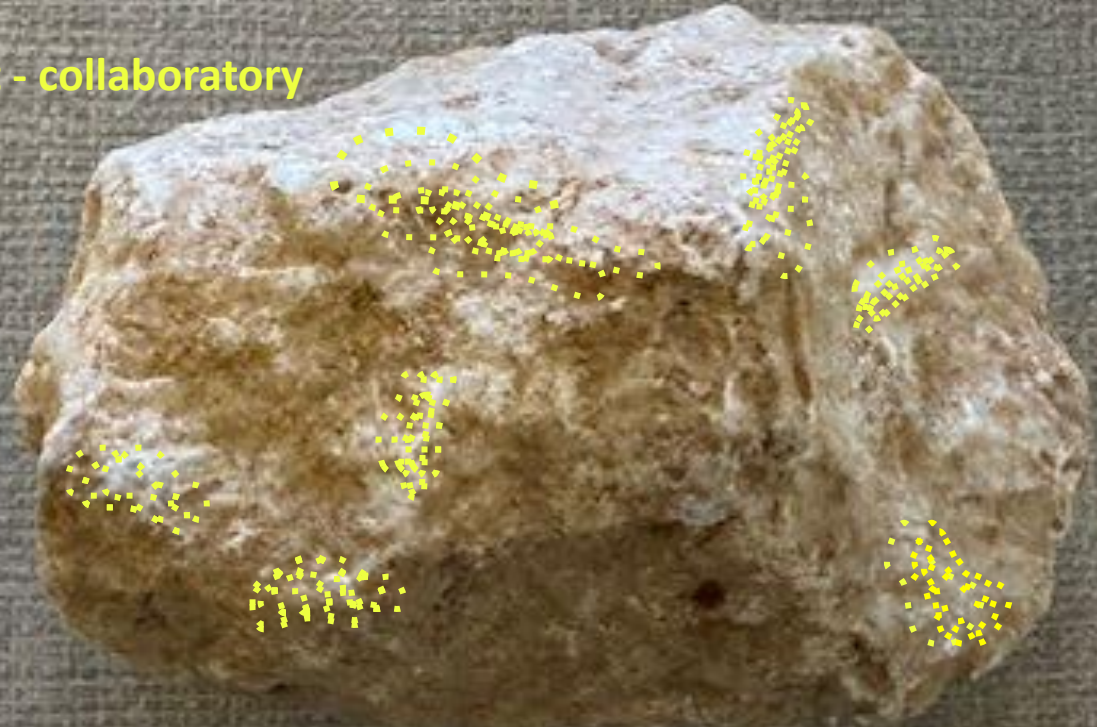
*Open knowledge and the
principles of the open-source
movement* (Yuill 2004)



Hybrid materialities
Distributive practices
Knowledge dissemination
AR

Lexicon for creative practices in hybrid environments (already in PhD candidates practice)

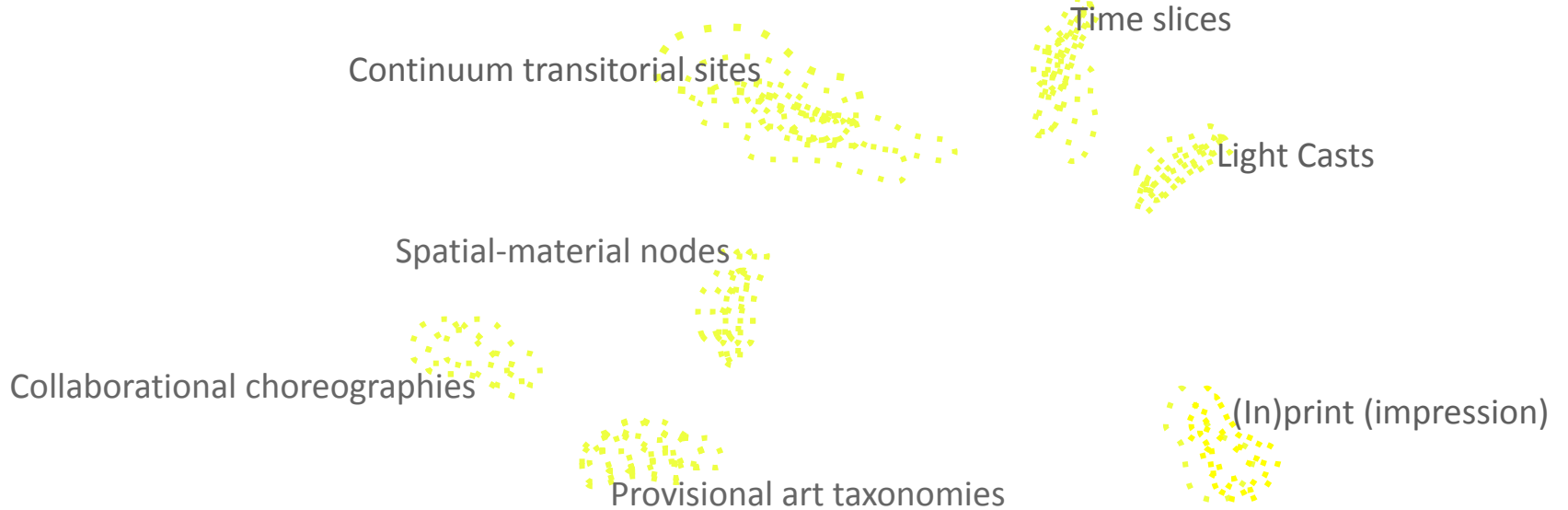
Nomadic fragment - collaboratory



Reflexive practice/distributed practice/agential properties/craft situated knowledge/iterations towards a lexicon for arts/humanities/social sciences higher educational practices in hybrid environments

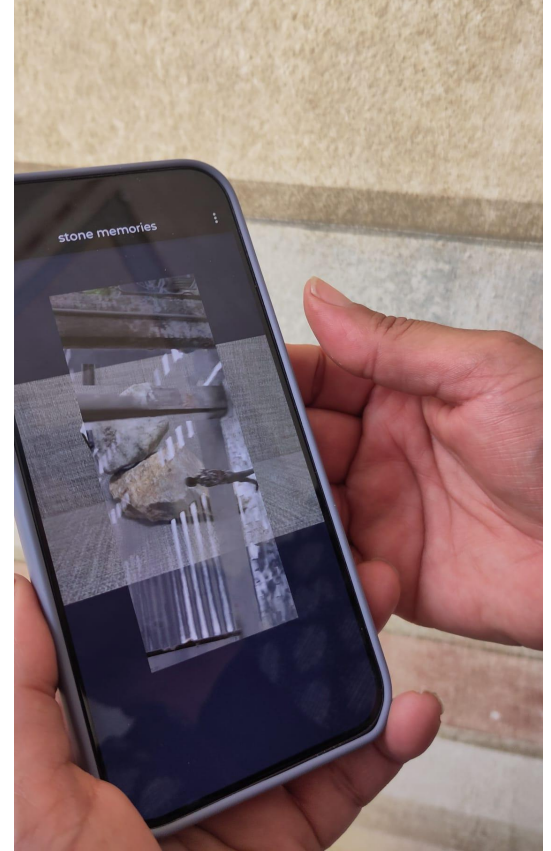
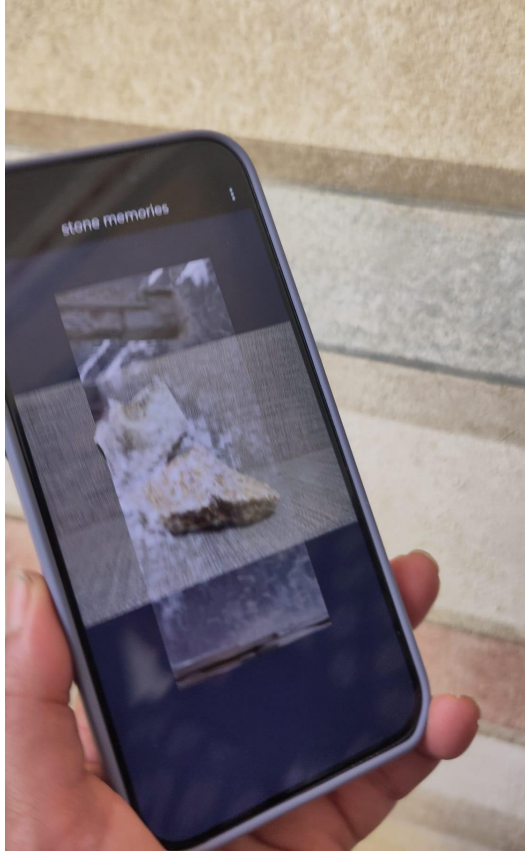
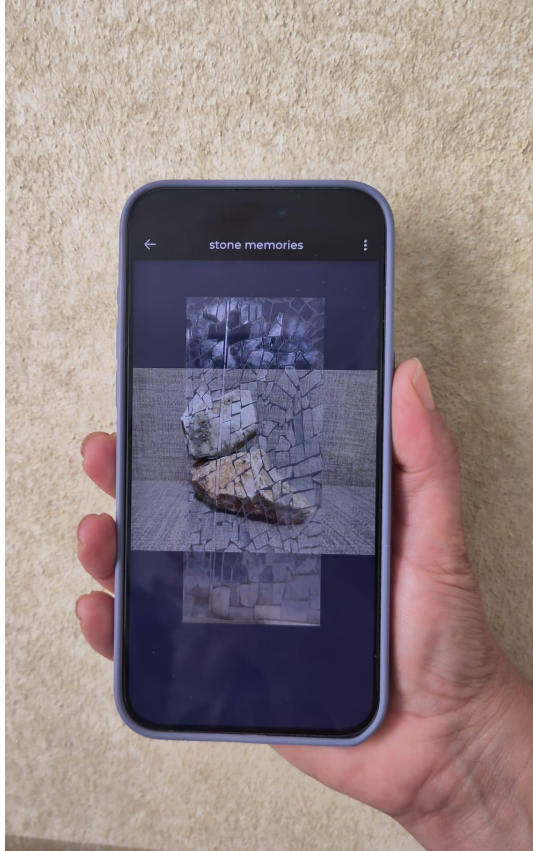
Lexicon for creative practices in hybrid environments (already in PhD candidates practice)

Nomadic fragment - emergent collaboratory



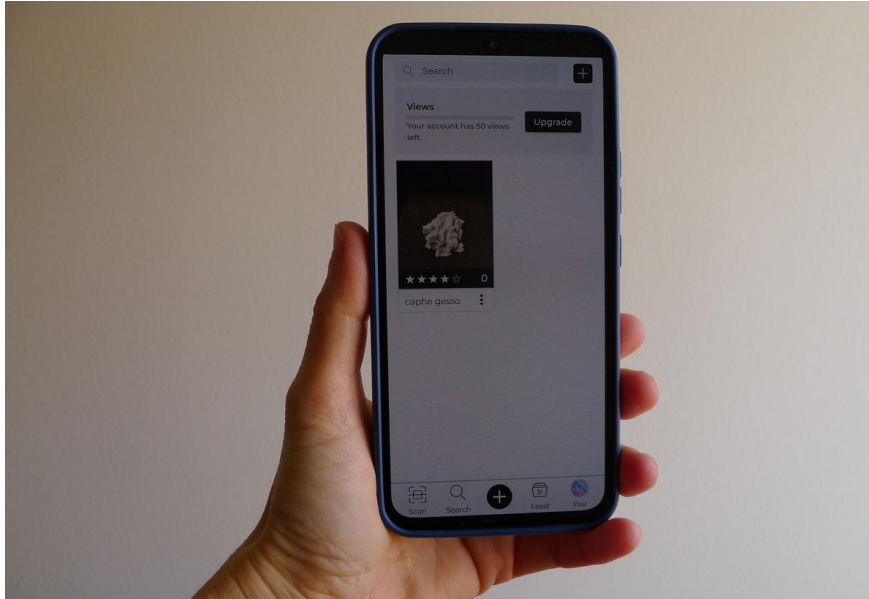


Lisboa — Carrara
Nomadic fragments
May 2024



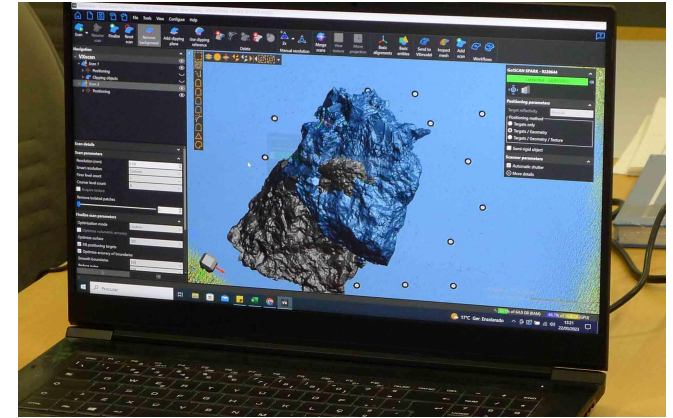
Exploring materiality and questioning mining with *Artivive* AR app: minerals pave the city as exoskeletons (carrara marble, lisbon limestone and La Spezia city pavements)

Exploring materiality with *Artivive* AR tool



A video of a gypsum (plaster) stone is superimposed on a 3D print in plaster of a digitization of a gypsum (plaster) stone

Scanning, digitization, and 3D printing in plaster of a gypsum (plaster) stone from the Avarela's quarry in Óbidos, Portugal



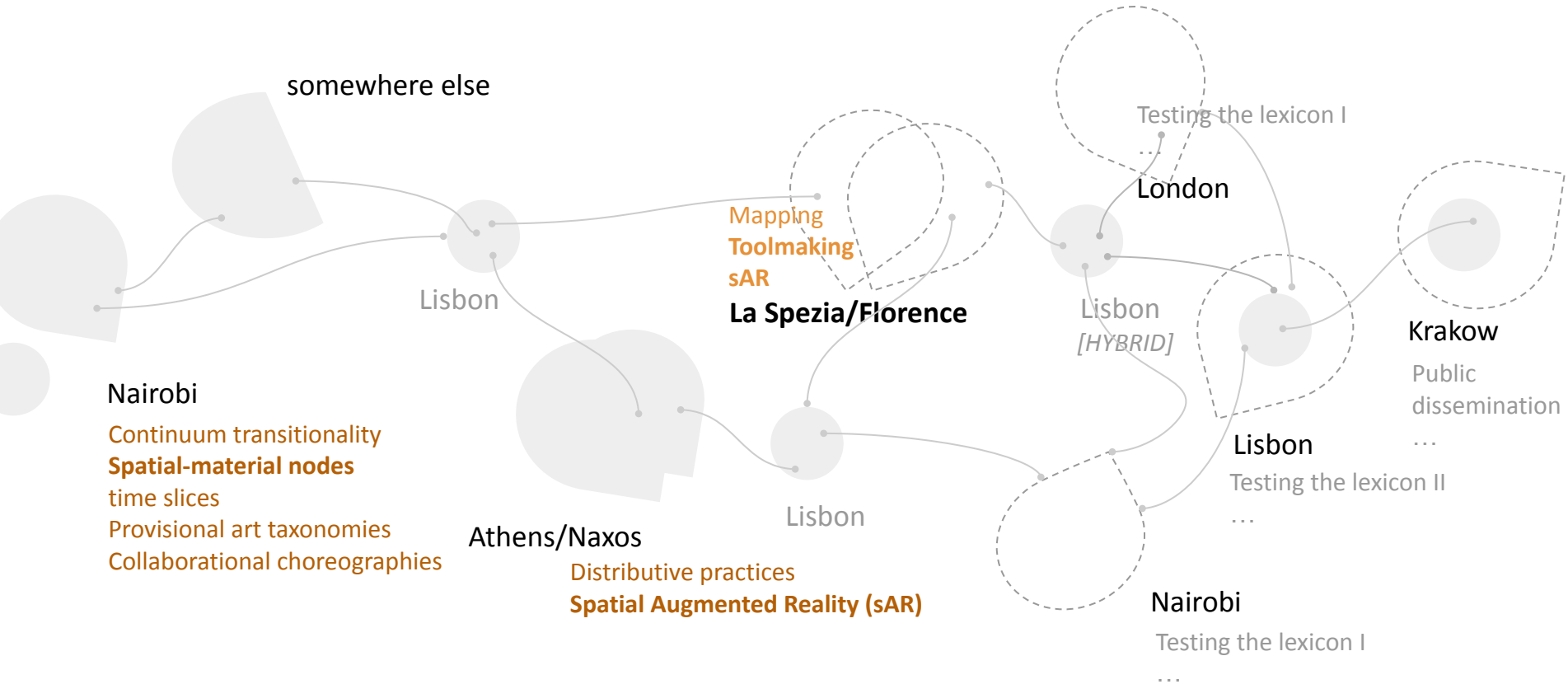
Work images of digitization made by Luís Santana and Ricardo Tocha / LIDA (with portable 3D scanner Go!SCAN SPARK with VX Elements software - Creafom) and 3D printing in plaster made by João Mateus / LIDA (with Zprinter).





Exhibition view of Marta Galvão
Lucas, *Gesso (Plaster)*, 2022-23,
20x27x20cm and 20x27x20cm.
“O Gato de Schrödinger”
(Schrödinger’s Cat), Galery of the
Faculty of Fine Art, University of
Lisbon, Setembro 2023.

Nomadic Fragment Iterations: Reflections & Perspectives



Final remarks

Situated methodology of the Nomadic Fragment consists of **mid-term workshops** between mobilities as **transitional sites** from one mobility to the subsequent one. Within this framework, PhD students can prepare their **work-in-progress integration with a hands-on approach** in the workshop and future activities within mobilities.

PhD students will undertake the immersion of their practices within the case study workshop, whether by elucidating the experience gained from the preceding mobility, or incorporating a segment of their ongoing work to foster experimental creative endeavors within the domain of hybrid materialities.

Is addressed mainly to tertiary education and has been implemented with the collaborative practices of CAPHE partners, professors and students. It intends to stimulate practice and enquire about the uses of digitalization as tool, documentation, transformation and as art work.

Performative practice, reflexive practice and distributed practice are the methods implemented so far during these workshops.

Each workshop is a transitional site that brings new ideas and thus operative concepts emerge as geological deposition patterns.

We expect to built a lexicon for the use in creative research practices in art, social sciences and humanities that operate in hybrid environments.



Obrigada

Grazie

Thank you

Dziękuję

Asante

Efharisto