

Space XR Webinar Series - I

Assistir ma... Compartilhar...

WEBINAR
(🔊) ao vivo

SPACE XR - Series

Cultural Heritage and Expanded Reality

15 JUN
13h30

Sergio Alex Kugland de Azevedo

LAPID
Museu Nacional

lapid
Laboratório de processamento de imagem digital
Museu Nacional/UFPA

Assistir no  YouTube

VisgrafLab

Cultural Heritage and Expanded Reality

Considerações Iniciais:



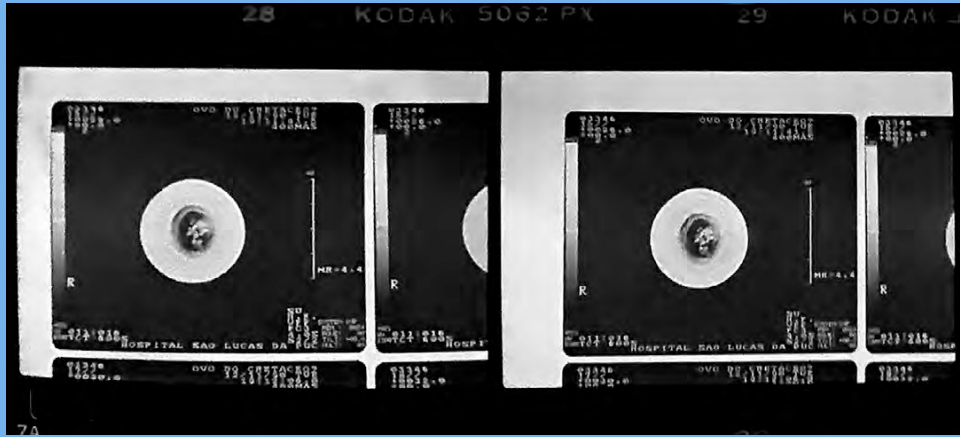
Origem dos Museus

- * Acumular para sobreviver: água, alimento, proteção (fogo, abrigo, armas), objetos de troca, outros humanos (sociedade)
- * Acumular para satisfação pessoal (sem necessidade prática imediata)
- * Tesouros Reais (ganância e poder) e “**Gabinetes de Curiosidades**”
- **valioso e curioso**
- * Museus de hoje: **Ciência, Educação e Cultura: Centros de Difusão do Conhecimento**
- * Experiências multi-sensoriais compartilhadas

Cultural Heritage and Expanded Reality



* início dos anos 90...

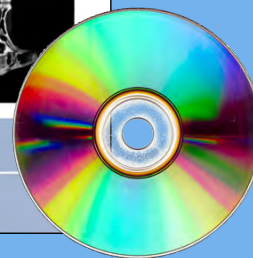
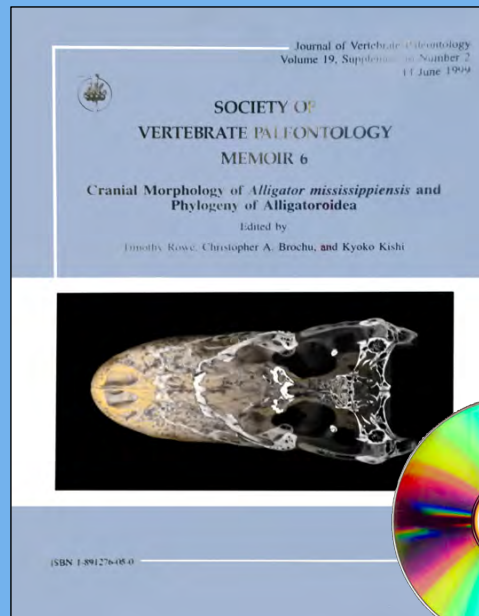


AZEVEDO, S. A. K.; SILVA, J. P. & SILVA. V. G., 1994. O Uso da Tomografia Computadorizada na Paleontologia de Vertebrados. **Anais da Academia Brasileira de Ciências**, Rio de Janeiro, **66**(2): 254.

AZEVEDO, S. A.; SILVA. V. G. & FERIGOLO, J., 1994. Um Ovo de Quelônio do Neocretáceo do Brasil. **Anais da Academia Brasileira de Ciências**, Rio de Janeiro, **66**(2): 255.

AZEVEDO, S. A. K.; SILVA, V. G. & FERIGOLO, J., 2000 - A possible Chelonian egg from the Brazilian Late Cretaceous. **Anais da Academia Brasileira de Ciências**, **72** (2):187-93.

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+ CDRom

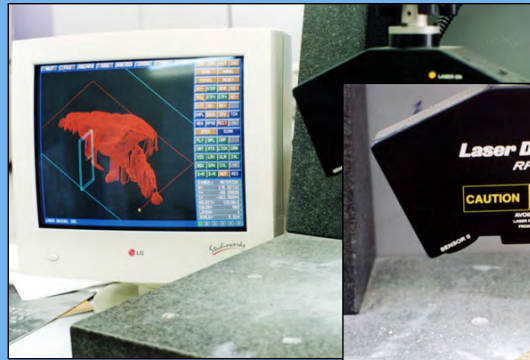
ROWE, T.; BROCHU, C.A. & KISHI, K., 1999. Cranial morphology of *Alligator mississippiensis* and Phylogeny of Alligatoroidea tomography. **Journal of Vertebrate Paleontology** – Memoir 6. Vol. 16 (Suppl.2), 100p.

BROCHU, C.A., 2000. A digitally-rendered endocast for *Tyrannosaurus rex*. **Journal of Vertebrate Paleontology**, 20(1): 1-6.

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“Ciência do Futuro” (2003)



INT (Jorge Lopes)



2005: III Simpósio Brasileiro de Paleontologia de Vertebrados (diversos trabalhos)

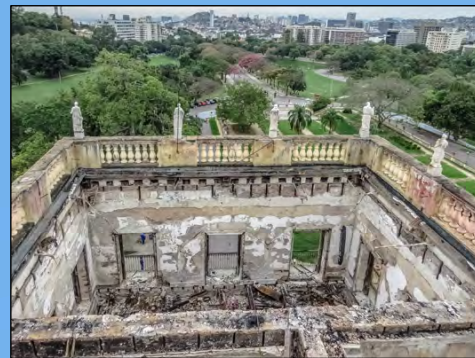
2005 em diante: projetos, artigos, dissertações, teses e livros



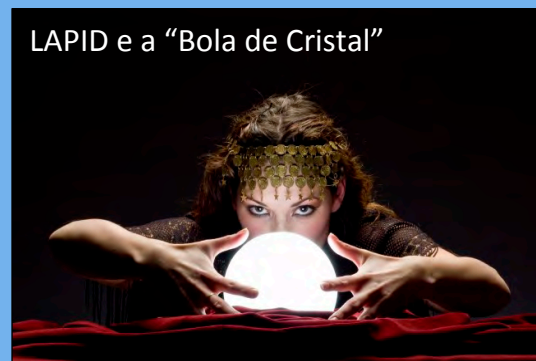
Cultural Heritage and Expanded Reality



Setembro de 2018



Área do LAPID

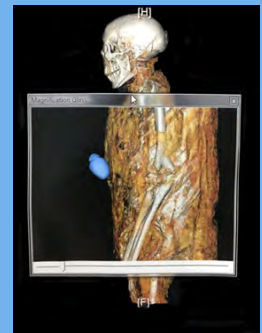


LAPID e a “Bola de Cristal”

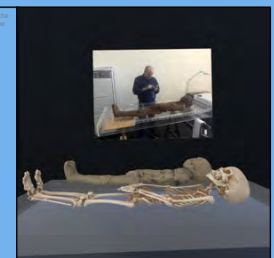
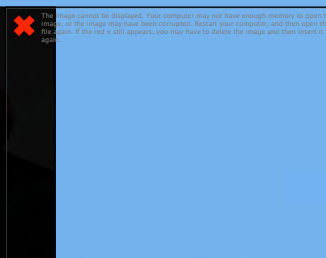
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Objetivo: digitalização do acervo do Museu Nacional como ferramenta de apoio à pesquisa Científica através de tomografias, scans de superfície, fotogrametria, prototipagem física, etc...

Paleontologia, Geologia, Zoologia, Arqueologia/Egiptologia...

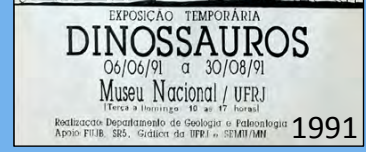
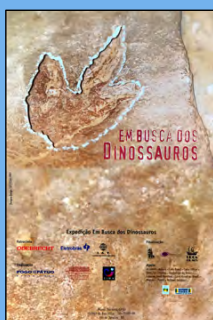
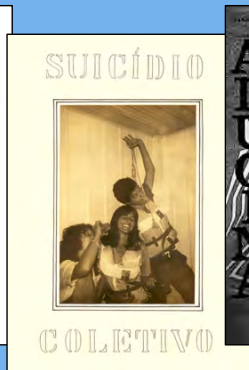
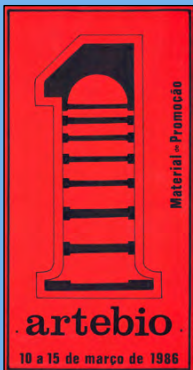


2019
Construção da uma experiência em realidade virtual com a múmia do período romano do Museu Nacional/UFRJ



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Exposições



- 43 exposições

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Projetos Dinos Virtuais (2009)

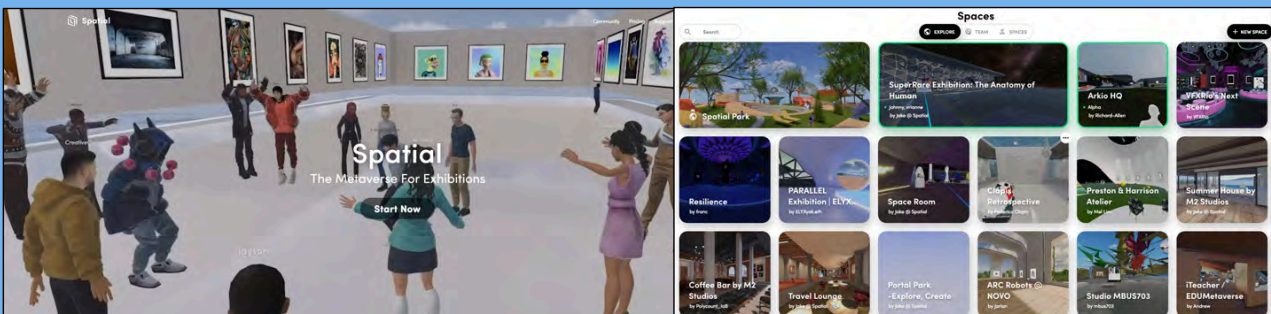
Cultural Heritage and Expanded Reality

Projeto FAPERJ: CENTRO PI/VISGRAF – IMPA: UM LOCUS DE EXPERIMENTAÇÃO PARA REALIDADE EXPANDIDA EM ESPAÇOS MIDIÁTICOS COMPARTILHADOS Visgraf (IMPA) – Bidesign (PUCRIO) – Lapid (MUSEU NACIONAL/UFRJ)



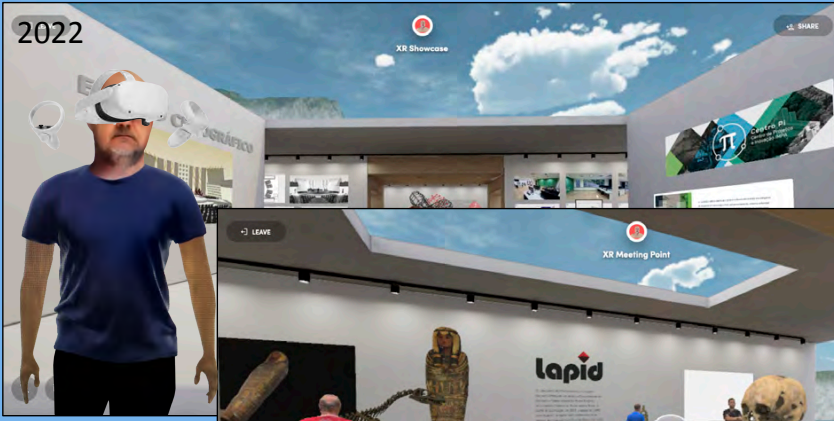
SPACE XR MÍDIA EXPANDIDA

<https://space-xr.com/>

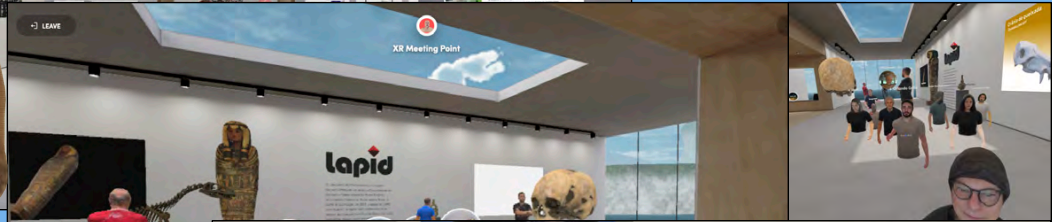


A “Realidade Virtual” como ferramenta de difusão e compartilhamento do patrimônio cultural

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XR Showcase



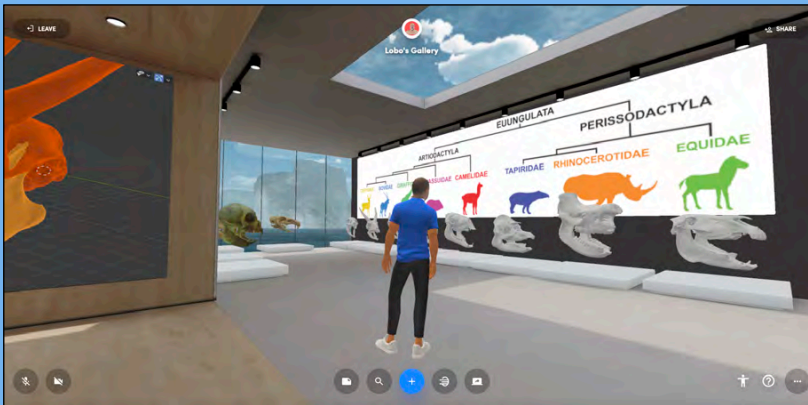
XR Meeting Room



LAPID Meeting Room

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Geologia e Paleontologia



Lobo's Gallery

<https://spatial.io/s/Lobos-Gallery-61b12659e1694f00019bf3e4?share=4266868428865685361>

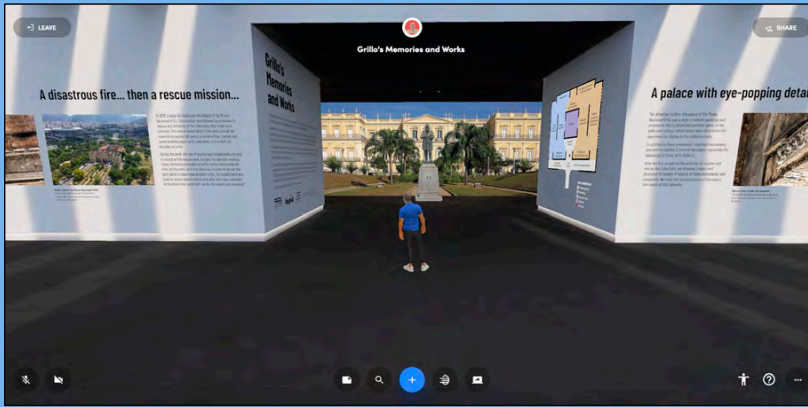
Megafauna do Quaternário da Bahia

<https://spatial.io/s/Megafauna-do-Quaternario-da-Bahia-por-Leonardo-Lobo-62615ef24e23b000012e9b64?share=5314646852445389675>



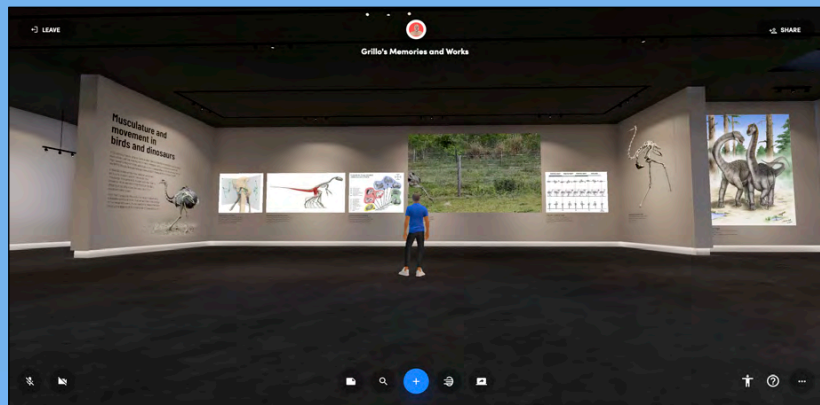
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Geologia e Paleontologia



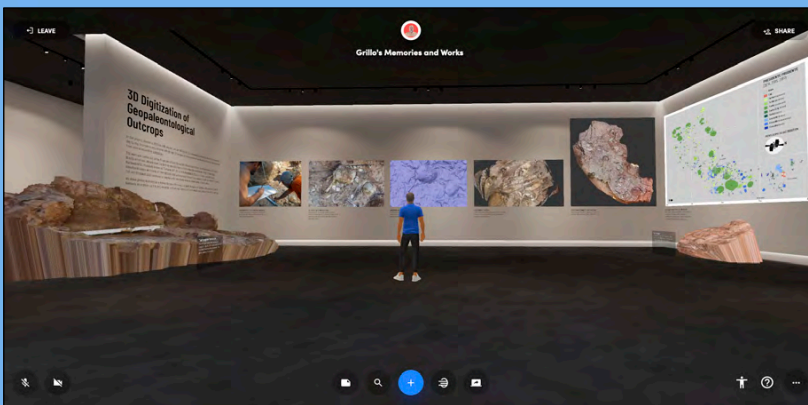
Grillo's Memories and Works

<https://spatial.io/s/Grillos-Memories-and-Works-61bb4db9bc2b040001aa301b?share=6260643316761129960>



Cultural Heritage and Expanded Reality

Geologia e Paleontologia



Grillo's Memories and Works

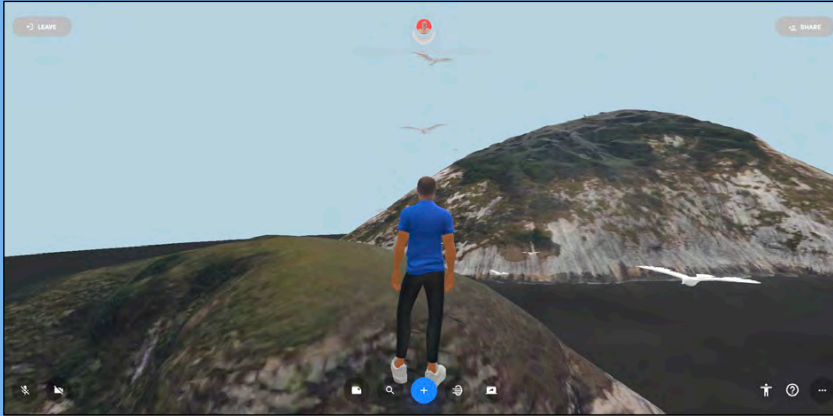
Grillo's Memories and Works



Cultural Heritage and Expanded Reality

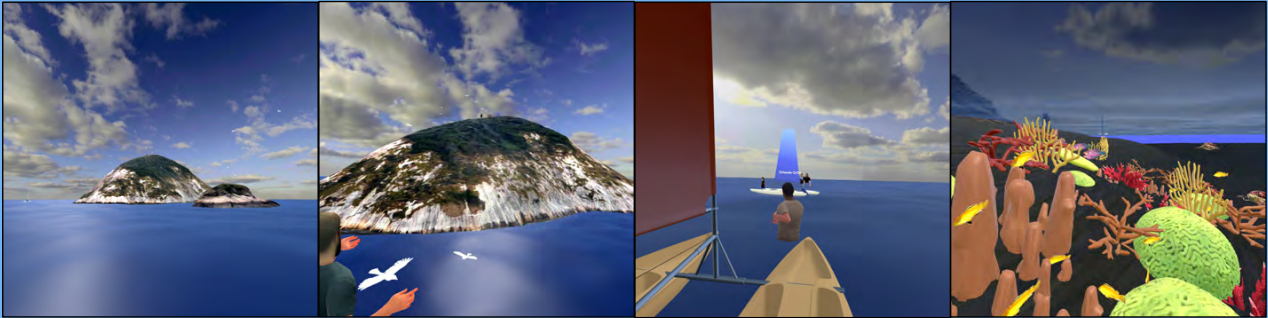


Zoologia/Botânica/Ecologia



Ilhas do Rio: MoNa Ilhas Cagarras

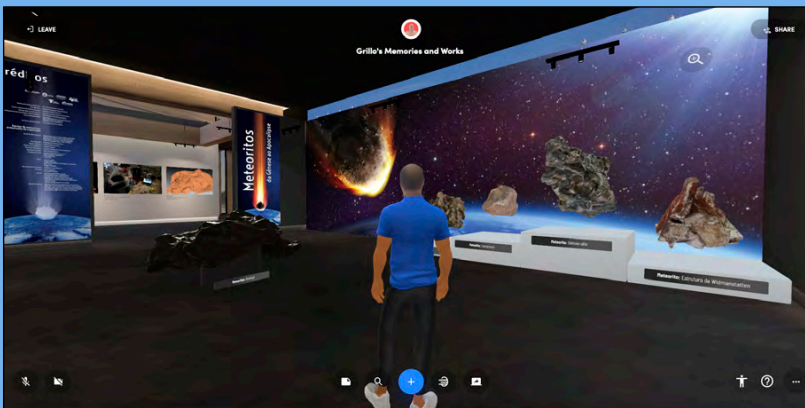
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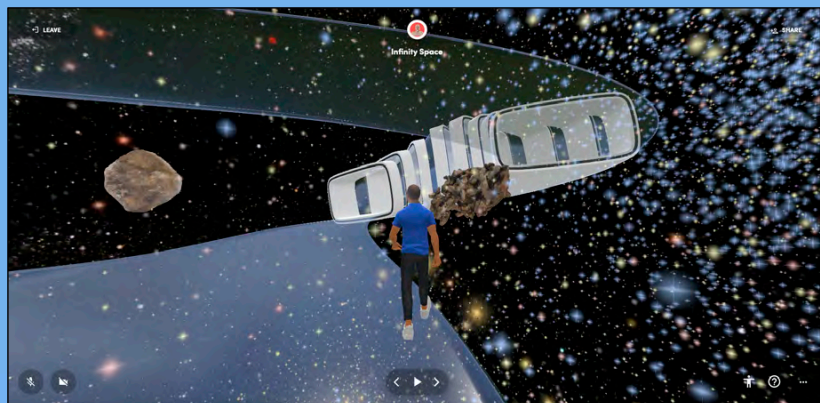
Geologia e Paleontologia



Grillo's Memories and Works

Infinity Space

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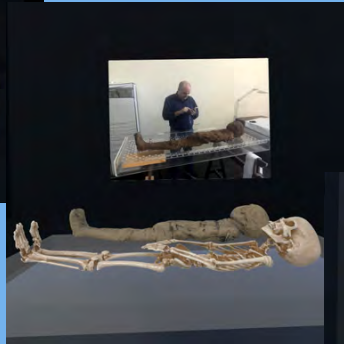
Cultural Heritage and Expanded Reality



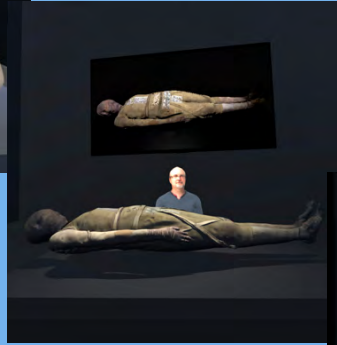
Arqueologia e Egiptologia



V-Horus I e II



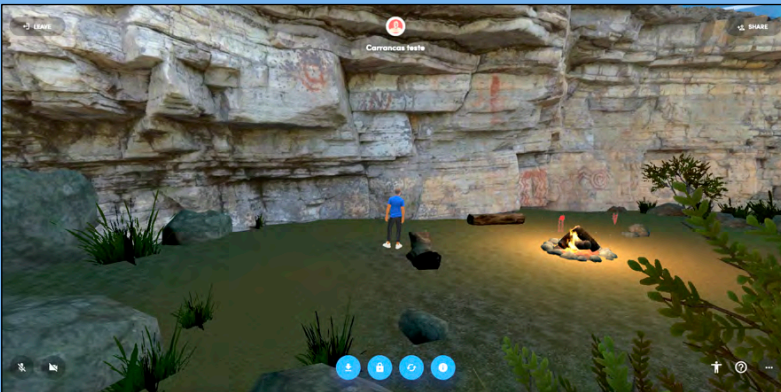
<https://spatial.io/s/V-horus-614cd05865718b0001f05f867share-807512913537820464>



Cultural Heritage and Expanded Reality



Arqueologia e Egiptologia



Carrancas

<https://spatial.io/s/Carrancas-teste-61bc982db3bab700011d8de8?share=1997373881274230613>

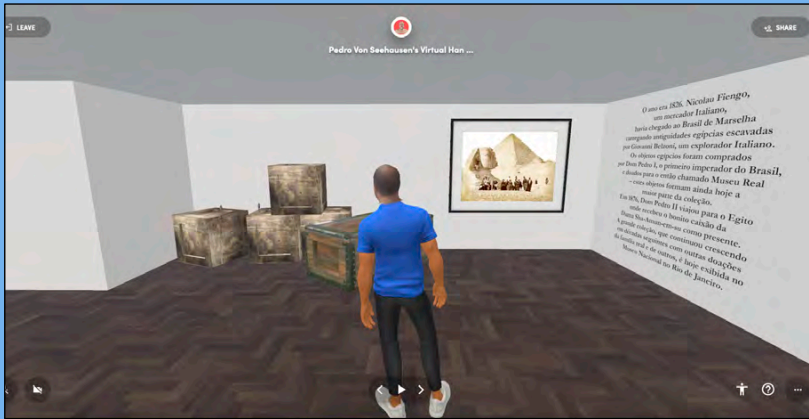
TT49Q

<https://spatial.io/s/TT49Q-61df570b577c0000019459f1?share=7113695292308072019>



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Arqueologia e Egiptologia

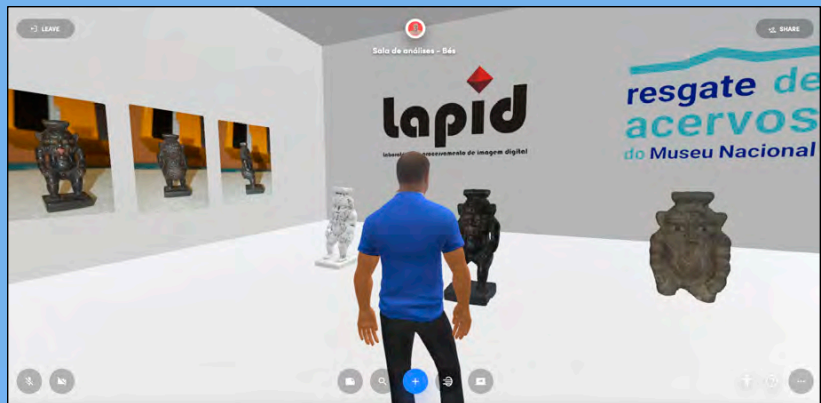


Pedro Von Seehausen Virtual Hangout

<https://spatial.io/s/Pedro-Von-Seehausens-Virtual-Hangout-6201718b730071000125f13d?share=8959714519862437327>

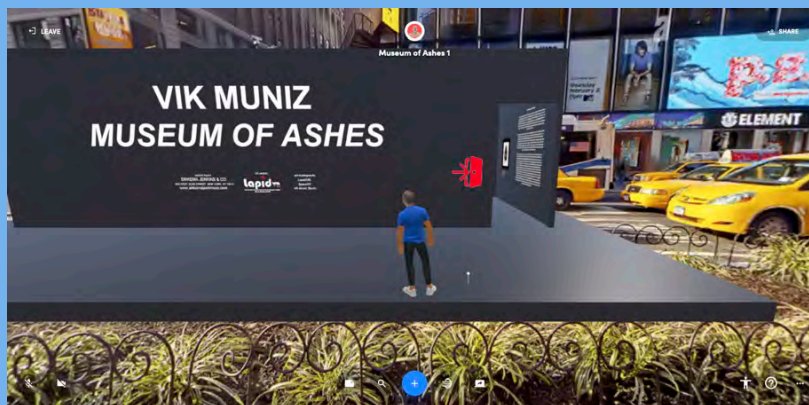
Sala de análises Bés

<https://spatial.io/s/Sala-de-analises-Bes-61e5a8bd0acea100011e463d?share=5496859379803798261>



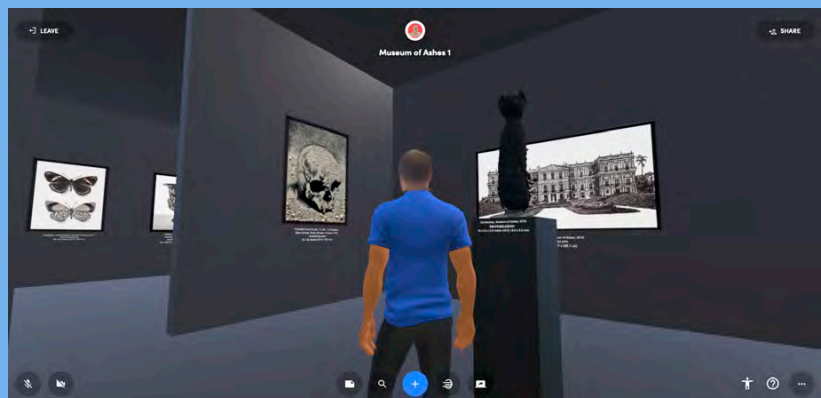
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Resgate de Acervos



Vik Muniz's Museum of Ashes

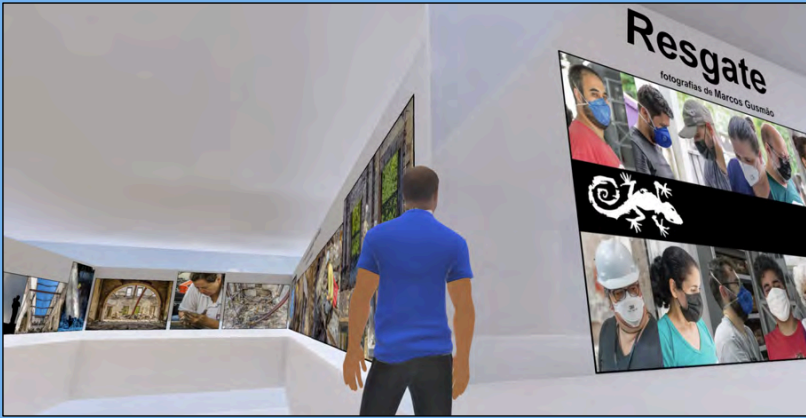
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Cultural Heritage and Expanded Reality

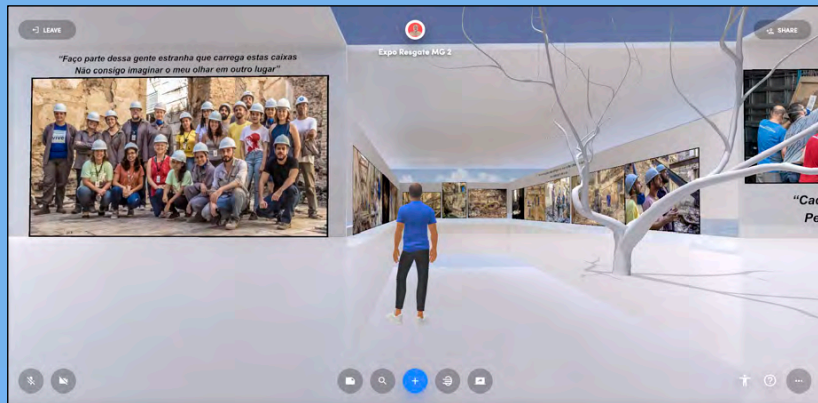


Resgate de Acervos



Resgate
Fotos de Marcos Gusmão

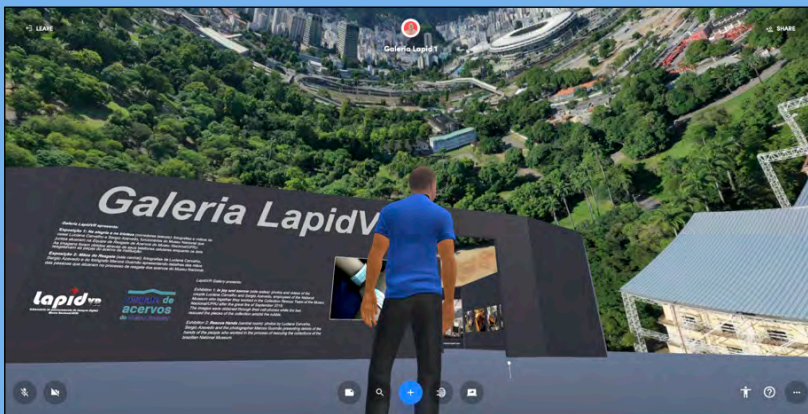
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Cultural Heritage and Expanded Reality

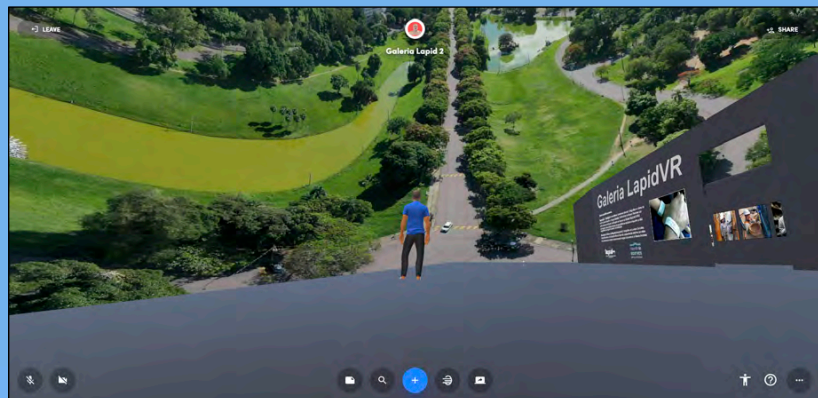


Resgate de Acervos



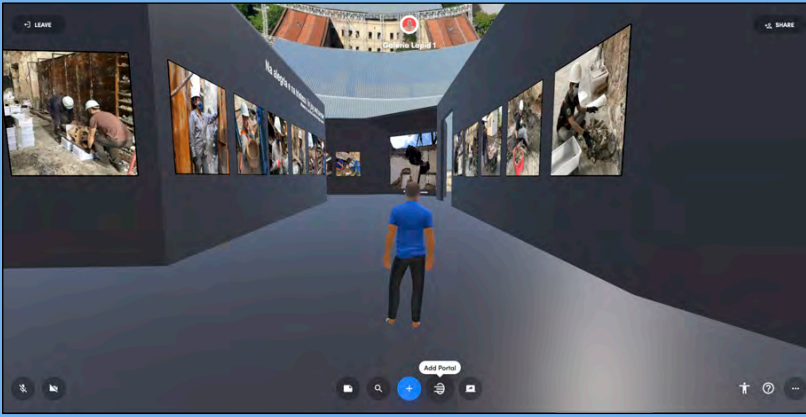
Galeria LapidVR

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Cultural Heritage and Expanded Reality

Resgate de Acervos



Na alegria e na tristeza

Mãos do Resgate



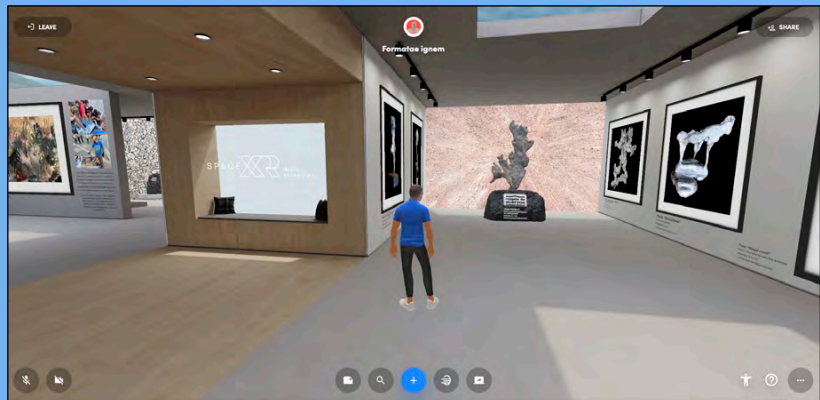
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Resgate de Acervos/Arte



Formatae ignem

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Lapid Cine Clube



Sala Lapid Cine Clube

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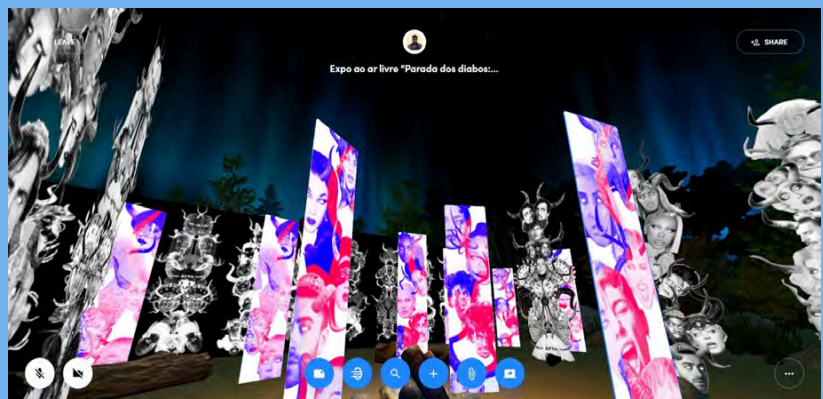
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Outras experiências:



Parada dos diabos: a dança das máscaras dos diabos e dos queers

<https://spatial.io/s/Gabriel-Cardosos-expo-mascaras-62a3b1423ad1a900011e21f9?share=2154811492718557344>



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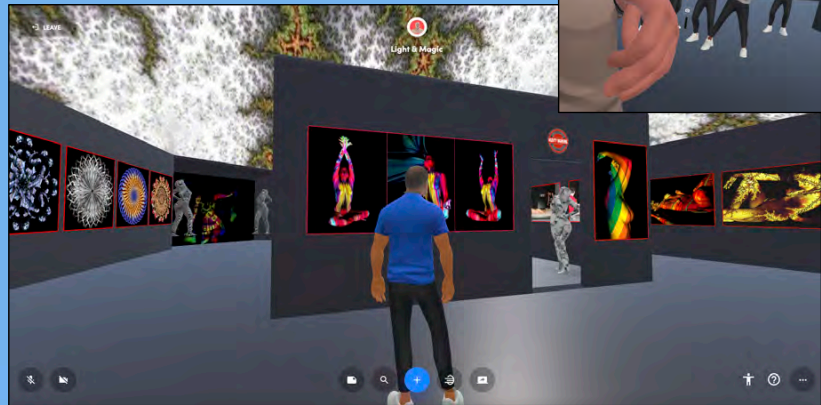
Outras experiências:



Light & Magic



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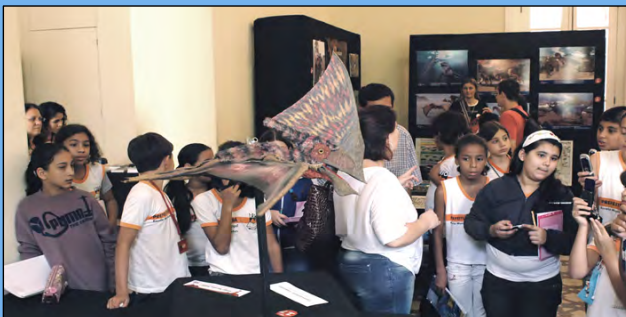
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Reflexões Finais:

- * Os Museus e a Internet; imagens 3D.
- * Pandemia (“*second life*”)
- * Metaverso: experiências compartilhadas; arquivos 3D
- * Futuro?: experiências sensoriais múltiplas no metaverso (?).
“da ficção científica para a realidade”.

* Museus x Metaverso



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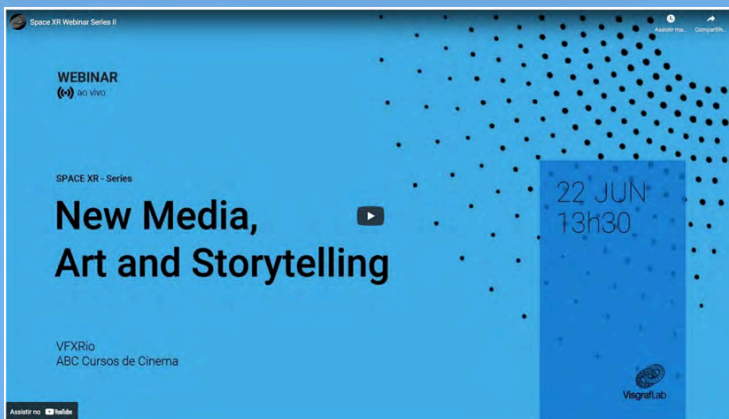


Obrigado pela atenção!

SPACE **XR** MÍDIA EXPANDIDA



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