

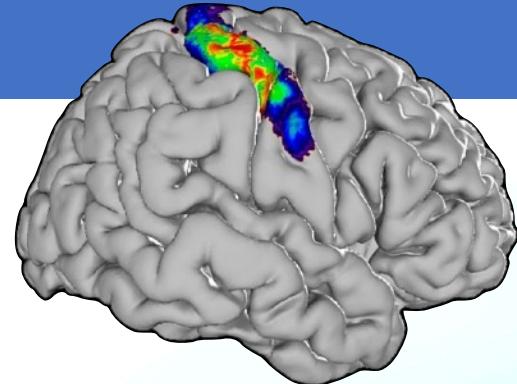


***Phineas Gage: Understanding The Neurophysiological Basis Of Behavior Through 5G-Enhanced Immersive Learning***

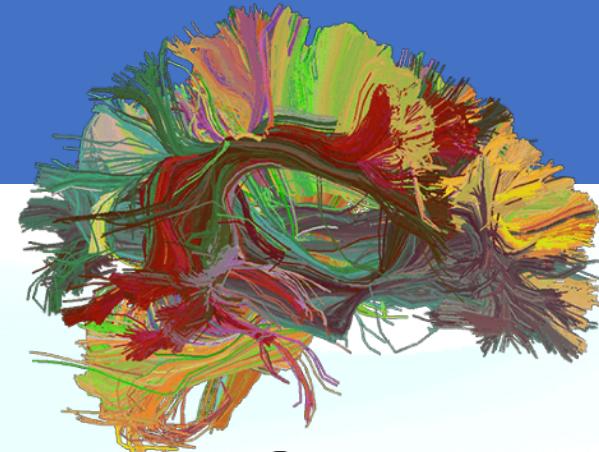
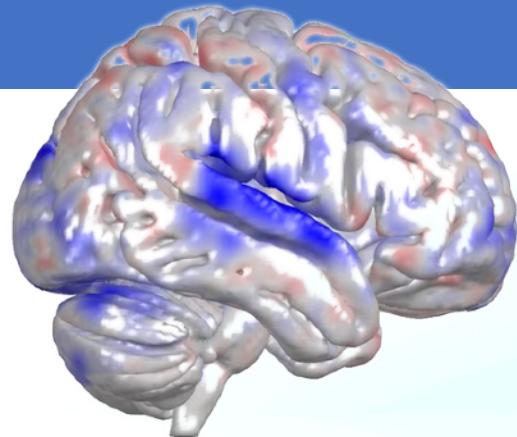
Giuseppe Giglia



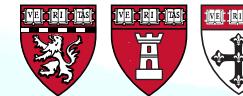
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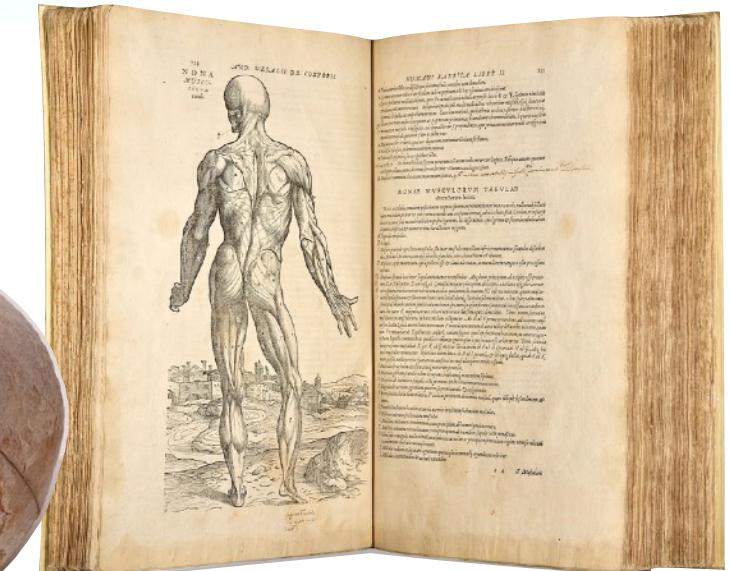
# Obiettivi: PBL del PBL!



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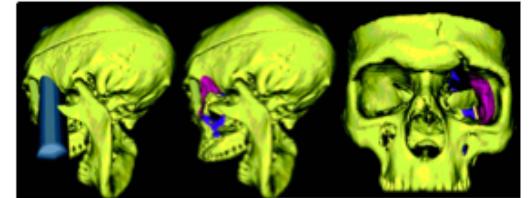
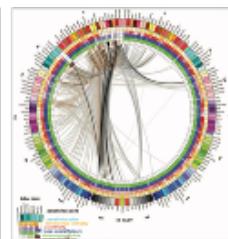
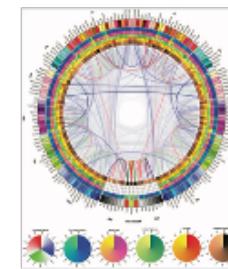
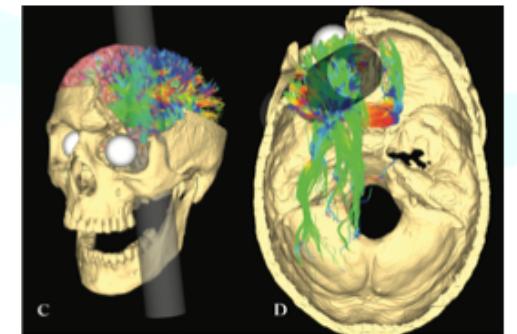


# Obiettivi: PBL del PBL!



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Van Horn et al, 2012



Ratiu et al, 2014

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Skull of Phineas Gage  
LabsOfCognitiveNeuroscience March 21, 2016

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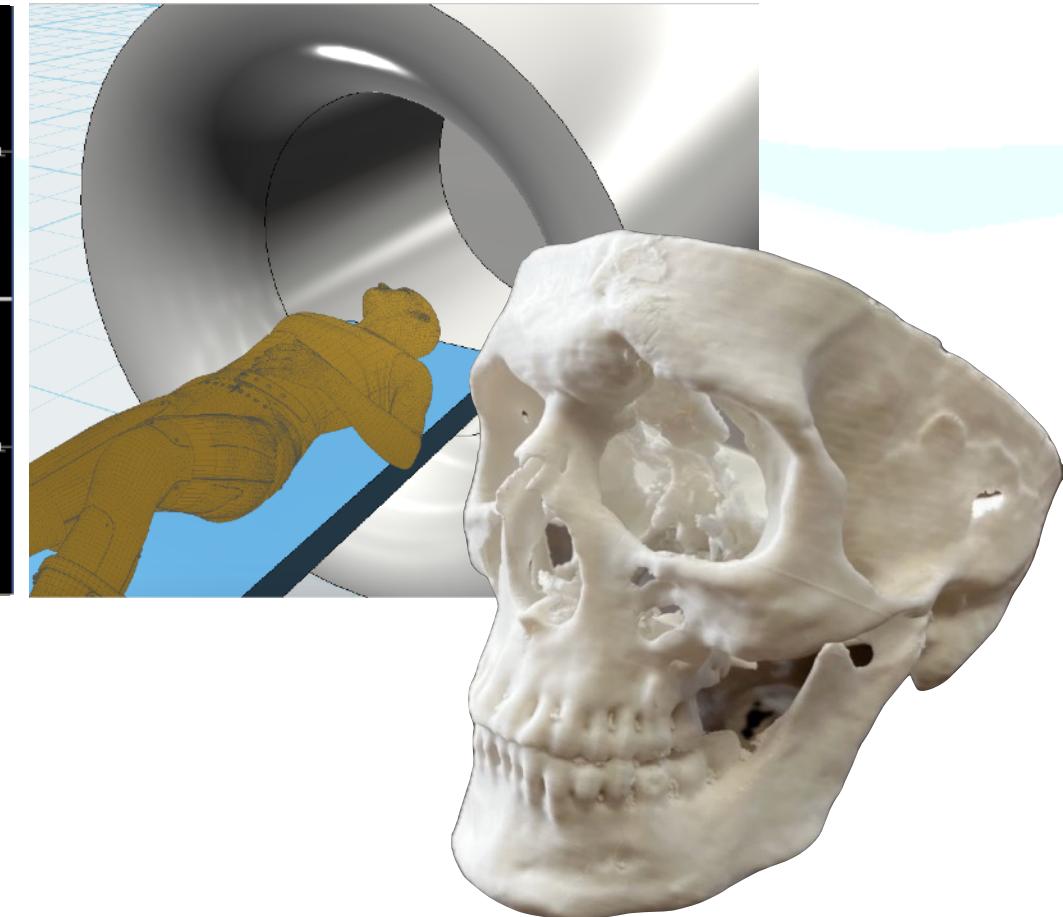
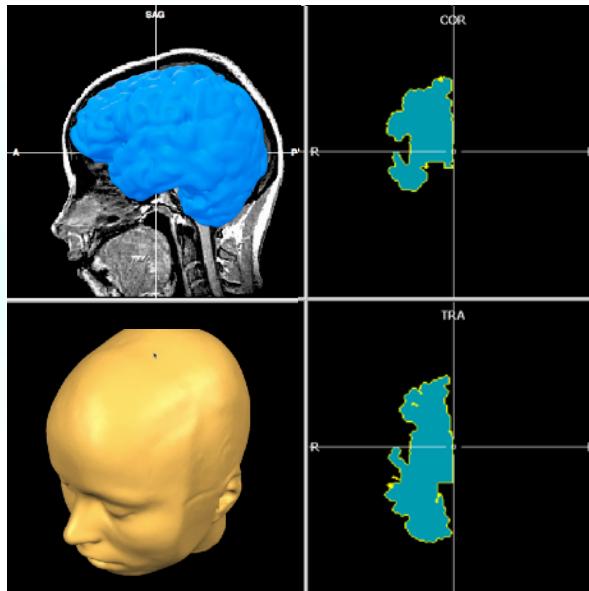
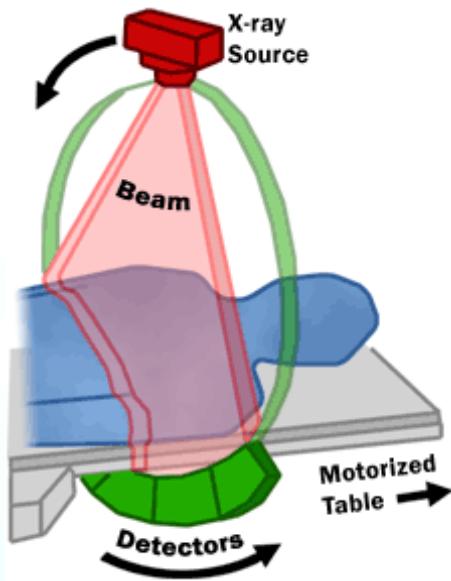
Thing details Files 9 Comments 38 Makes 13 Remixes 4 Apps 5

**Summary**  
Shown printed at 1:1 (white) and 3:4 scale (gray).  
Please post photos if you print this model. I'm excited to see others print this.  
Phineas Gage became the center of a landmark neuroscience case when an explosion forced a red-hot tamping iron through this railroad foreman's brain and skull. He survived, but reportedly suffered a personality change. This was the first evidence suggesting that the frontal lobe of the brain was linked to one's personality. A more complete story is hosted at the website of the [Warren Anatomical Museum at Harvard Medical School](#), which happens to be the current home of the original skull.  
It's a fascinating case and an even more fascinating artifact. This anatomically accurate model can be printed to enable hands on exploration or to provide a source of inspiration.  
I've also added a video showing what appears to be the path through Gage's skull. It's from the point of view of the tamping iron, so it's actually pretty cool. [Phineas Gage Tamping Iron Path](#)  
Update: 2/1/16  
A full scale version has been printed. New photos have been uploaded comparing the 3/4 scale and full scale versions.

# Metodi



# Metodi



# Metodi



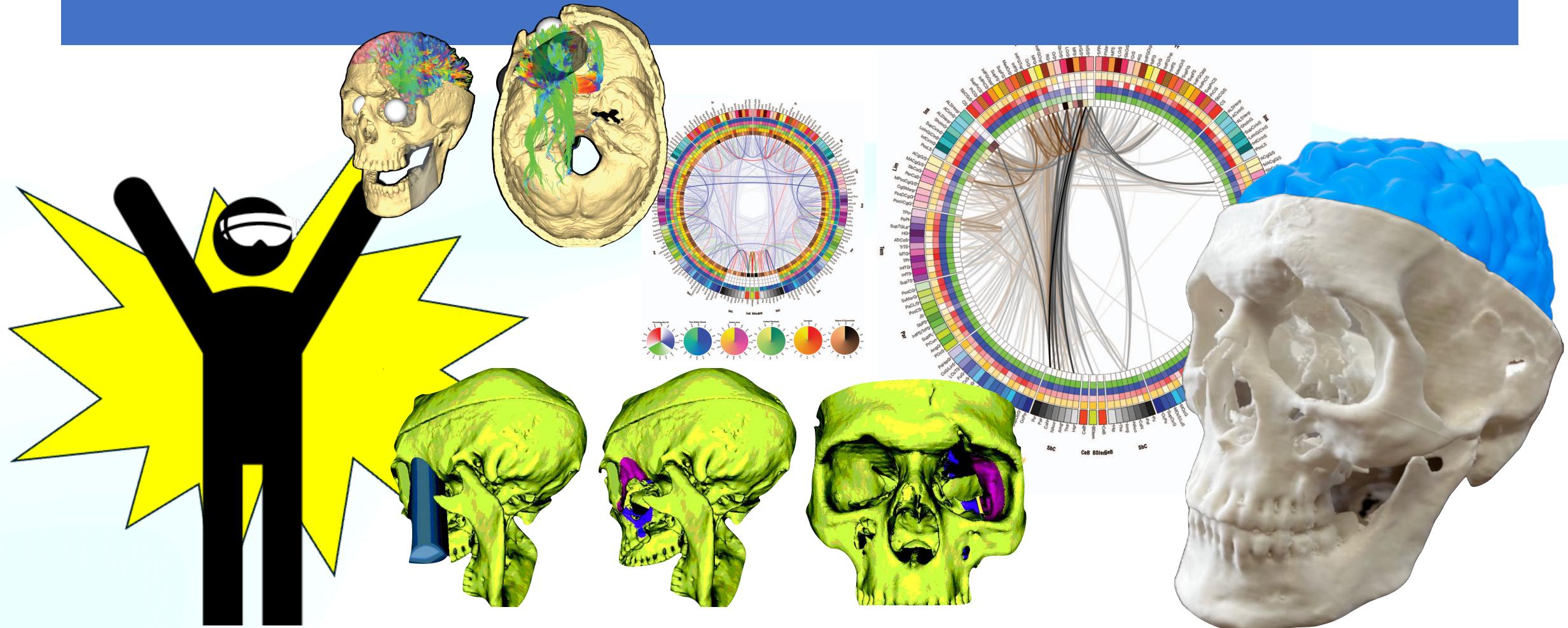
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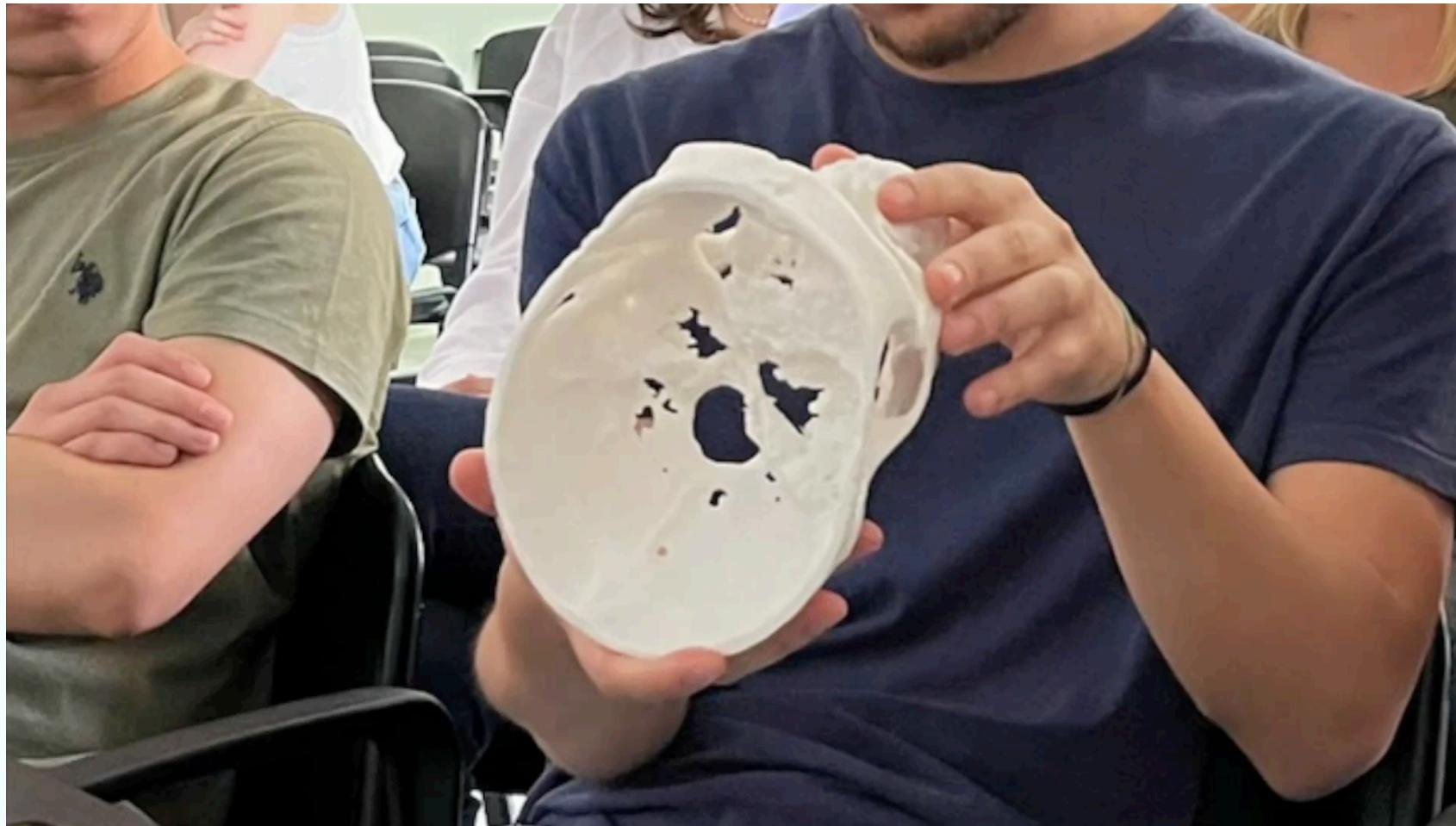


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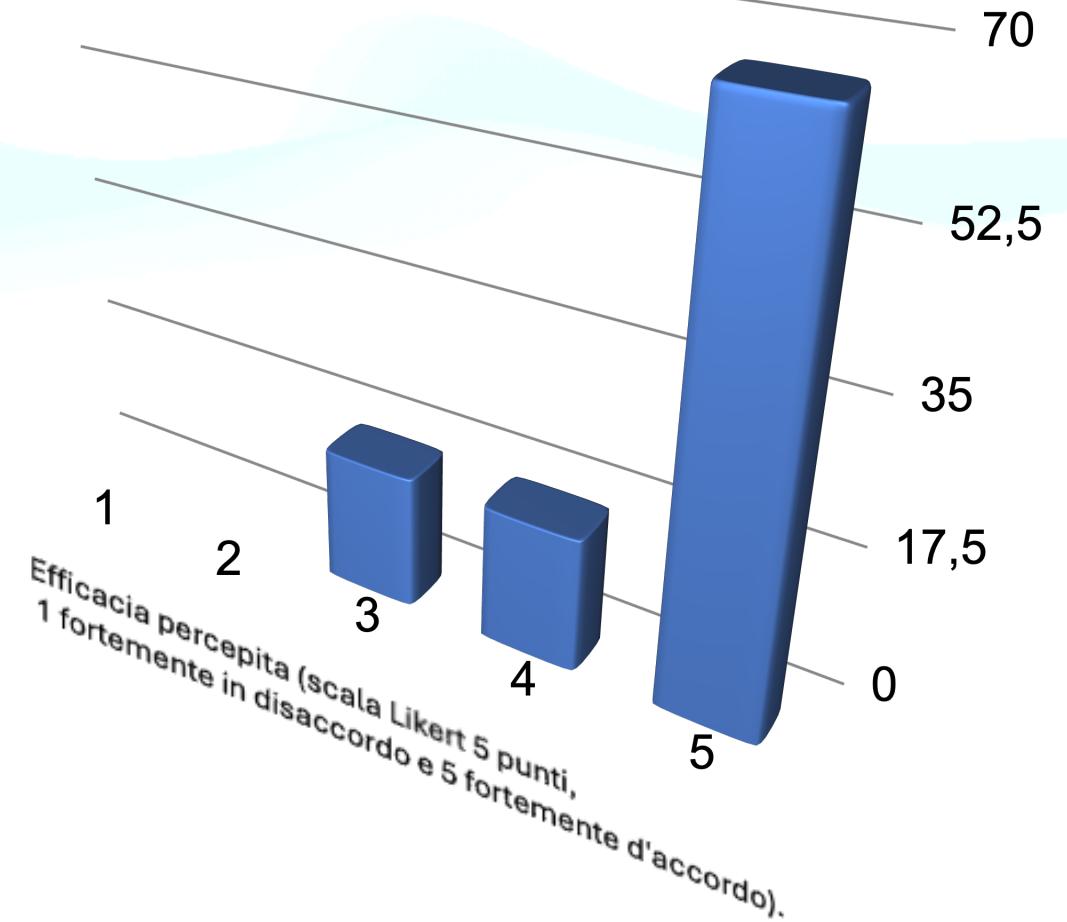


# La partecipazione degli studenti



# Risultati: vantaggi e svantaggi

E1: Questa lezione immersiva è stata più efficace di una lezione frontale sullo stesso argomento



17:17

Instagram

all all



# Prospettive di apprendimento

