



GluOne



Science Outreach and Art

Dijana Vesna DOMINIS PRESTER

University of Rijeka, Faculty of Physics

COST CA18108 4th Annual Conference, Rijeka, 14 July 2023

Motivation



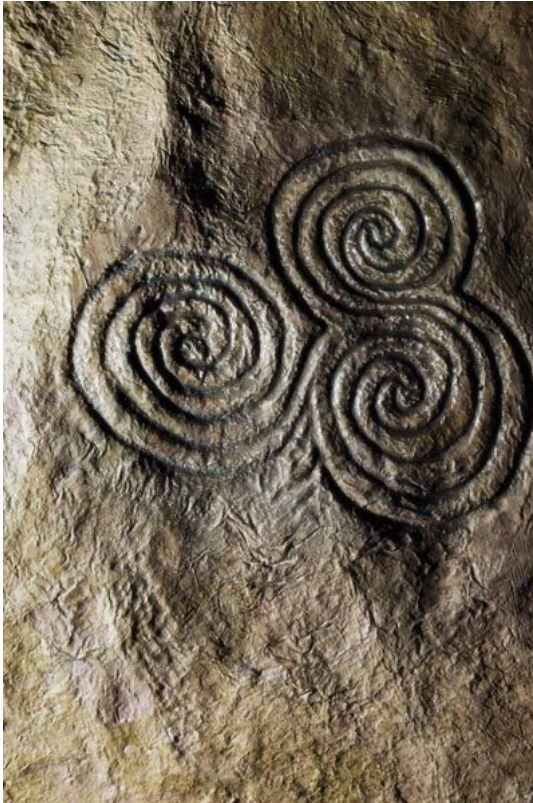
- **Outreach of science** is now important more than ever!
- It is not only about the funding for our research or attracting students into physics...
- Recently there is a significant global decline of public trust in science
- Many people of all ages are interested in science, but dislike physics because they are not familiar with equations and mathematics... but like and better identify with colors, pictures, art and fashion

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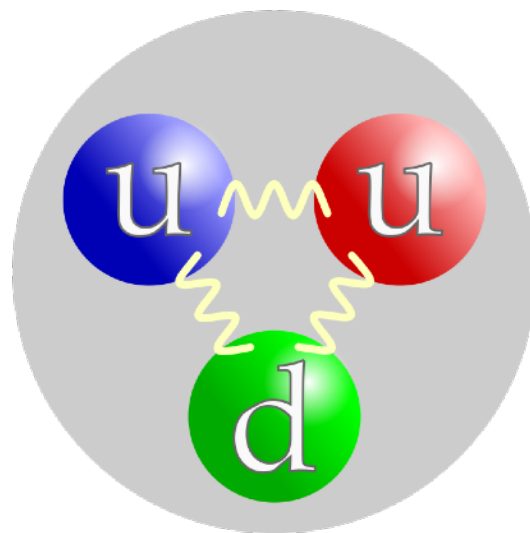


- Interdisciplinary project focused on outreach of science
- Creation of reusable environmentally friendly practical gadgets (shirts, bags...) made mainly of fabric and other natural materials
- Inspired by mythology, tradition, nature and physics
- Outreach and publications
- Interdisciplinary research
- CA18108 STSM in Feb 2020 (Dijana visited Mariam Tortola in Valencia)
- Started beginning of 2020 (by Dijana), Marina and some other colleagues active in physics and other sciences (computing, art, history...) have been joining discussions and helping in the meantime

Triskelion (Triskele)



Baryon



Meson



D.V. Dominis Prester: "GluOne - Science Outreach and Art", CA18108 Conference, Rijeka, 14 July 2023

Cherenkov shower



D.V. Dominis Prester: "GluOne - Science Outreach and Art", CA18108 Conference, Rijeka, 14 July 2023

Kolovrat

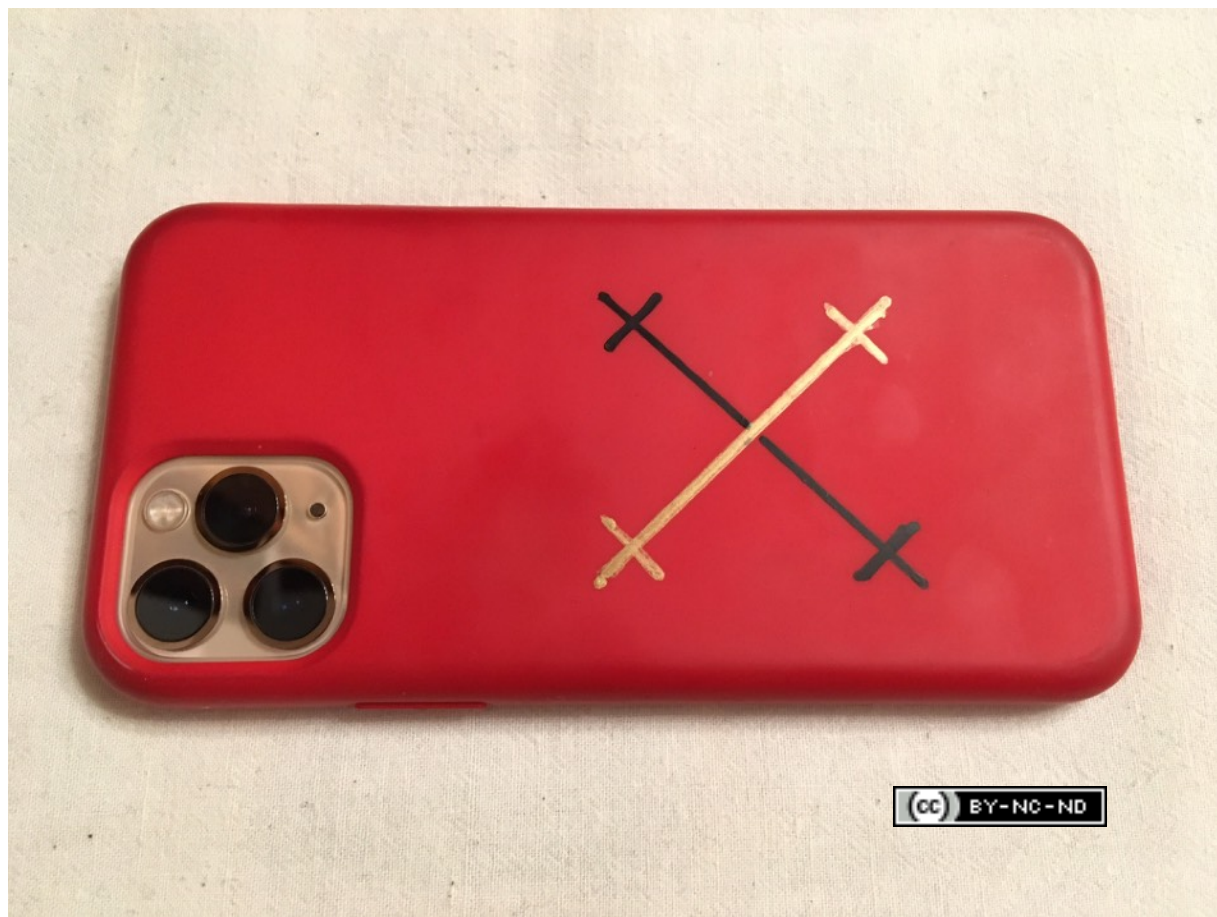


Perunica




Plomin, Croatia





GluOne project & future



- Please have a look in peace and think of what you see from your knowledge, intuition and perspective
- You are welcome to give me your opinions and feedback any time
- Flickr: [@_GluOne_](#)
- You are welcome to use the materials in your teaching and outreach (please cite GluOne)
- <https://creativecommons.org/licenses/by-nc-nd/4.0/> 
- If you want to **join GluOne**, please contact Dijana Dominis (dijana@phy.uniri.hr) or Marina Manganaro (marina.manganaro@phy.uniri.hr), we want it to become an international project!



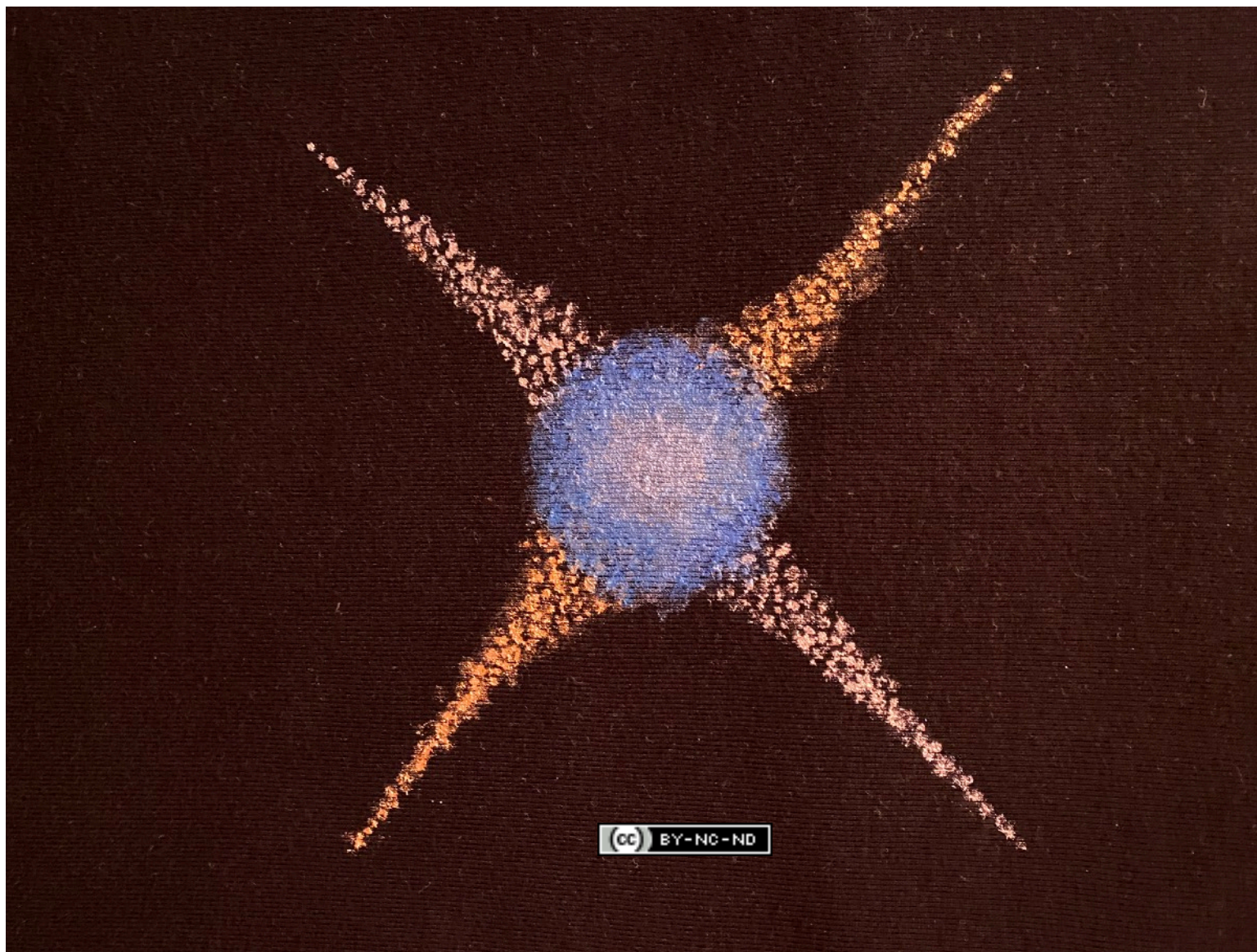




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