

The Fifth Gravi-Gamma-Nu workshop



Contribution ID: 32

Type: **Invited talk**

An overview of EHT results sub specie ”variabilitatis”

Wednesday, 9 October 2024 12:15 (30 minutes)

By releasing the first image of the black hole shadows of *M87* and *Sgr A*, the EHT Collaboration has achieved one of the most illustrious scientific results of the last few years. Beyond the formidable technical accomplishment, the two images had a fundamental impact on our understanding of the physics of black holes and AGNs, and provided a further striking confirmation of general relativity. The outcome of the EHT project, however, is not limited to these famous images and their direct implications; numerous interesting results have been reached through the data collected by the collaboration. In this talk, I will mainly focus on the variability of *M87* and *Sgr A*, and show how a factor of significant complication for the calibration of the data could become a source of essential information for our understanding of the environment around supermassive black holes.

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Session Classification: Day 1: Latest results