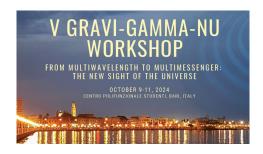
The Fifth Gravi-Gamma-Nu workshop



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