



Name: **Maria, Salatino**

Affiliation: Kavli Institute for Particle Astrophysics and Cosmology (KIPAC)
Stanford University

Position: Physical Science Research Scientist

Previous Positions: Post Doc, Université Paris Diderot
Post Doc, Princeton University
Visiting Scientist, Chalmers University of Technology, Göteborg
Post Doc, Sapienza University of Rome

Education: Ph.D. Sapienza University of Rome, 2011

Research Interests/Areas of Expertise: Superconducting detectors, detectors cameras – Transition-Edge Sensors, Cold Electron Bolometers, Microwave Kinetic Inductance Detectors – Time Domain Multiplexing - Detector fabrication, packaging, testbed, testing and data analysis - Instrumentation for astrophysics and cosmology in the mm and sub-mm bands – Ground-based telescopes and balloon-borne experiments – Cryogenic Polarization Modulators – Systematic effects from Half-Wave Plates - Polarization of the Cosmic Microwave Background (CMB) and of the emission from interstellar dust.

Publications: 100 papers (47 referred journals, 47 conference proceedings, 6 white papers).

Approximate Number of Years in Applied Superconductivity: 8

Previous ASC Service: Electronics Program Committee ASC 2018, 2020
Organizer Special Session '[Superconducting Applications for Cosmological Research](#)' ASC 2018
Member [ASC 2020 Elevate Program](#)

Service to Related Conferences: Referee for Journal of Low Temperature Physics (for the International Workshop on Low Temperature Detectors, LTD)
Referee for the Proc. of the 28th International Conference on Low Temperature Physics