

# Maria Virginia Catalisano

Associate professor

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## *Education and training*

1991

### **PhD in Mathematics**

Sistemi lineari di curve piane passanti per punti di assegnata molteplicità  
Consortium of North-West University of Milan Turin Genoa Pavia - Turin - IT

1972

### **BSC in Mathematics**

Vari modi per introdurre l'integrale di Lebesgue - 110/110 with honors  
University of Genoa. - Genoa - IT

## *Academic experience*

2004 - ONGOING

### **Associate Professor**

University of Genoa - Genoa - IT

1990 - 2004

### **Researcher in Geometry**

University of Genoa - Genoa - IT

## *Research interests*

My scientific research addresses topics of Algebraic Geometry, using both classical and modern Geometry methods, as well as techniques of Commutative Algebra, which gave rise to more than forty publications in international journals.

In particular, I work on:

- Zero-dimensional schemes;
- Hilbert functions of subschemes of projective space;
- Products of projective spaces and tensorial rank;
- Tangential and osculating varieties of Veronese varieties;
- Multisecants varieties of Segre, Segre-Veronese and Grassmann varieties;
- Reduced and non-reduced linear spaces of the projective space;
- Waring problems for polynomials.