Code A_2758

Facoltà/Faculty	Sciences/ Scienze
Dipartimento/Department	Mathematics and Computer Sciences
UniCa reference person	Irene Ignazia Onnis
Course name	Geometria Lorentziana/Lorentz Geometry
SSD	MAT/03 geometria
Semester	Fall, 1st
CFU	2
n. of VPS teaching hours	16
Language of instruction	English
Course Content and VPS' profile	The course is about Lorentzian Differential Geometry, the mathematical theory used in general relativity, treated from the viewpoint of Differential Geometry. The goal is to compare and contrast the results and techniques of the Differential Geometry of curves and surfaces in the Euclidean spaces and the Lorentzian spaces, i.e. in distinct ambient spaces. The essential difference between these spaces is the way of measuring lengths. The VP should develop some topics related to his research field. Also, the VP should cooperate with the researchers of the Department contributing to the research in one of the following fields: Differential Geometry, topological classification of nonnegative isotropic curvature submanifolds of Euclidean spaces (Algebraic Topology and Geometry). The VP must be a recognized expert on one of the previous research fields.
Academic position of the VPS'	Professor