Workshop GACHA
"Geometric Aspects of Complex and Harmonic Analysis"

January 17-18 2022

January, 17th

10:00-10:20		Opening session and caffè
10:20-10:30	*Peloso*	In memory of Guido Weiss
10:35-11:20	*Lanzani*	The Cauchy–Szegö projection and its commutator for domains in $\mathbb{C}^n$ with minimal smoothness: Optimal estimates
11:30-11:55	*Bruno*	Schrödinger operators on Lie groups with purely discrete spectrum
12:05-12:30	*Arosio*	Horospheres in several complex variables
		Pranzo
14:00-14:25	*Monguzzi*	Euler-MacLaurin summation formulas on polyhedra
14:35-15:00	*Sarfatti*	An overview on the quaternionic Hardy space
15:10-15:35	*Levi*	BMO, Hardy spaces and Calderón-Zygmund theory on some nondoubling trees
		Caffè
16:10-16:35	*Santagati*	Riesz transform for a flow Laplacian on homogeneous trees
16:45-17:10	*Pinton*	The subharmonicity index of higher order gradient of regular functions
17:20-xx		Open problems session

January, 18th

9:30-10:15	*Martini*	Sharp multiplier theorems for Grushin operators
10:25-10:50	*Bartolucci*	Wavelet phase retrieval for bandlimited functions
		Caffè
11:30-11:55	*Fiacchi*	On the Gromov hyperbolicity of domains in $\mathbb{C}^n$
12:05-12:30	*Monti*	Reproducing kernel for Bergman spaces on homogeneous trees
		Pranzo
14:00-14:25	*Gariboldi*	Cassels-Montgomery lemma and almost positive kernels on Riemannian manifolds
14:35-15:00	*Federico*	Strichartz estimates for some variable coefficient Schrödinger operators
15:10-15:35	*Bellavita*	Boundedness of translation operator in de Branges spaces
15:45-16:10	*Mongodi*	The Levi core of a pseudoconvex domain
16:20-16:45	*Calzi*	Carleson and sampling measures for Bergman spaces on homogeneous Siegel domains
16:55-17:20	*Chalmoukis*	Weighted dyadic Hardy inequalities