Joint Mathematics Meetings, Seattle, January 5-8, 2022					
AMS Special Session on Quaternions					
		Name of Speaker	**Abstract Number**		**Title**
Wednesday	*January 5, 2022, Morning Session, Room 400 Washington Convention Center*				
8:00-8:20	Talk 1	Lindsey-Kay Lauderdale	1174	6974	Graovac-Pisanski's distance number for quaternion graphs
8:30-8:50	Talk 2	Spencer Hamblen	1174	6335	Waring's Problem in Quaternion Rings
9:00-9:20	Talk 3	Martha Patricia Dussan Angulo	1174	10386	Timelike Christoffel pairs in the Split-Quaternions
9:30-9:50	Talk 4	Douglas Sweetser	1174	9781	Quaternion as space-time events and operators, a new symmetry for gravity, and analytic animation software
10:00-10:20	Talk 5	Aleks Kleyn	1174	5514	Eigenvector in Non-Commutative Algebra
10:30-10:50	Talk 6	Henry Segerman	1174	8315	Designing holonomy mazes
11:00-11:20	Talk 7	Terrence Richard Blackman	1174	6217	On the best generators for PU(2), Part I
11:30-11:50	Talk 8	Zachary Stier	1174	5891	On the best generators for PU(2)
Wednesday	*January 5, Afternoon Session, Room 400 Washington Convention Center*				
1:00-1:20	Talk 1	John Voight	1174	6887	A refinement of Bezout's Lemma and elements of order 3 in some rational quaternion algebras
1:30-1:50	Talk 2	Garri Davydyan	1174	9285	Sierpinski triangle and coquaternion self-similarity in hierarchy of biologic functions
2:00-2:20	Talk 3	Nektarios A Valous	1174	5949	Color image processing operations using quaternions
2:30-2:50	Talk 4	Anthony Gruber	1174	10282	Quasiconformal Mappings for Surface Mesh Optimization
3:00-3:20	Talk 5	Grant Sanderson	1174	10428	Interacting with quaternions via stereographic projection
3:30-3:50	Talk 6	Daniel Alpay	1174	8816	Quaternionic Schur analysis
4:00-4:20	Talk 7	Meighan I. Dillon	1174	6281	Octonions and Lie Algebras
4:30-4:50	Talk 8	Karl Schaffer	1174	6993	Dance and the Quaternions
5:00-5:20	Talk 9	David W. Lyons	1174	5897	Qubits and Quaternions
5:30-5:50	Talk 10	Nichol Furey	1174	6930	The standard model's particle content as a Jordan algebraic mosaic

Organizers

Johannes Familton   jfamilton@bmcc.cuny.edu   (contact organizer)

Terrance Blackman   tblackman@mec.cuny.edu

Chris McCarthy   cmccarthy@bmcc.cuny.edu