

Functional Analysis, Mathematical Physics, and Dynamical Systems (FAMPDS)

Winter 2021 Virtual Workshop

Functional Analysis, Mathematical Physics, and Dynamical Systems (FAMPDS) Winter 2021 Virtual Workshop is a collaborative endeavor by the *Functional Analysis and Mathematical Physics Interdepartmental Research Group (FAMP)* of California State University, Fresno, the *Fractal Research Group (FRG)* and *Mathematical Physics and Dynamical Systems Research Group (MPDS)* of the University of California, Riverside. It is intended to create and consolidate contacts and foster collaborative opportunities between the scholars and graduate students involved in research in functional analysis, mathematical physics, dynamical systems, fractal, arithmetic, and noncommutative geometry, number theory, as well as other areas of interest. The talks are to be kept at the level accessible to the graduate students and non-experts.

Co-organizers

Michel L. Lapidus, UC, Riverside, Marat V. Markin, CSU, Fresno

Program

Time	Speaker	Talk
10:00 – 10:50 AM	Shanna Dobson (CSU, Los Angeles)	<i>Diamond Fargues-Fontaine Curve and Condensed Mathematics</i>
11:00 – 11:50 AM	Andrea Arauza, Ph.D. (CSU, East Bay)	<i>An Introduction to Noncommutative Geometry</i>
11:50 AM – 1:00 PM	Intermission	
1:00 – 1:50 PM	Alejandro Velez-Santiago, Ph.D. (University of Puerto Rico, Mayaguez)	TBA
2:00 – 2:50 PM	Edward Sichel (FAMP, CSU, Fresno)	<i>On the Non-Hypercyclicity of Normal Operators, Their Exponentials, and Symmetric Operators</i>

Friday, March 5, 10:00 AM – 3:00 PM (PST)

Online via Zoom at

<https://fresnostate.zoom.us/j/5233106532>