

Latinxs and Hispanics in Mathematical Sciences



Antonio Montalban

Antonio Montalban was born in Uruguay. He obtained his Licenciatura en Matemáticas from Universidad de la República (UdelaR) in 2000 in Montevideo, Uruguay. After that he attended Cornell University where he obtained a M.S. in Mathematics in 2002, a M.S. in Computer Sciences in 2005, and a Ph.D. in Mathematics, under the direction of Richard Shore, in 2005. Montalban received the 2005 Sacks Price, awarded every year by the Association of Symbolic Logic to the writer of the best Ph.D. thesis in logic.

Montalban held a Postdoctoral position at the University of Victoria Wellington in New Zealand before his five-year tenure as an Assistant, and then Associate, Professor at the University of Chicago. He is currently an Associate Professor at the University of California, Berkeley.

Montalban works in Mathematical Logic and, within Logic, he focuses on Computability Theory. Logicians, have developed techniques to analyze and understand the complexity of many sorts of objects, including sets, structures, constructions, proofs, and so forth. Computability Theory deals with the complexity measures used on countable objects, in contrast with, for instance, computer science or set theory, which mainly deal with the complexity of finite objects or uncountable objects, respectively. Montalban's research studies the interplay between complexity and mathematics, his book "Computable Structure Theory - Part I" is currently underway and a draft can be found on his professional website. He also was named AMS Centennial Fellow in 2009 by the American Mathematical Society and Packard Fellow in 2010.

Lathisms was founded in 2016 in order to showcase the contributions of Latinx and Hispanic mathematicians during Hispanic Heritage Month, which is celebrated in the United States from September 15 and October 15 every year. During this time, we feature/reveal a prominent Latinx/Hispanic mathematician daily. See all the featured mathematical scientists at LATHISMS.ORG.

Thanks to the American Mathematical Society and the Mathematical Association of America for support of Lathisms.