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ELECTROSTATIC MODELS FOR ZEROS OF ORTHOGONAL AND MULTIPLE  
ORTHOGONAL POLYNOMIALS. THE LEGACY OF STIELTJES.

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In this talk, we review the legacy of T. J. Stieltjes (1856–1894) on the electrostatic interpretation of zeros of classical orthogonal polynomials and present an extension of this approach to the case of (type II) multiple (Hermite–Padé) orthogonal polynomials. We particularly focus on the well-known examples of Angelesco and Nikishin settings.

This is a joint work with A. Martínez Finkelshtein (Univ. Baylor, TX, USA, and Univ. Almería, Spain) and J. Sánchez Lara (Univ. Granada, Spain).