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*Portraits of Rational Inner Functions*

This talk focuses on two-variable rational inner functions  $\phi$  with singularities on the two-torus  $\mathbb{T}^2$ . Such  $\phi$  always possess well-behaved unimodular level sets whose analytic properties imply information about the zero set of  $\phi$  and the fine numerical stability of  $\phi$  near its singularities. Such results will be illustrated via pictures of key unimodular level sets. This is joint work with James Pascoe and Alan Sola.