## WILLIAM VERREAULT, Université Laval

Unwinding of analytic functions in RKHS and Hardy spaces

We present convergence theorems in  $H^p$  and in RKHS for the unwinding series expansion of analytic functions, extending results of Coifman, T. Qian et al. on the Blaschke unwinding series, a nonlinear analogue of Fourier series with a wide range of practical applications.