

**LEGACY AND IMPACT:  
HARALD BOHR'S IDEAS IN MODERN ANALYSIS**

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Over a century ago, Harald Bohr embarked on a rigorous exploration of Dirichlet series, driven by the ambition to solve Riemann's conjecture. Despite his efforts falling short, Bohr's pioneering work has sparked a renewed interest in recent years. This revival encompasses a fusion of classical methods with contemporary advancements in functional analysis, harmonic analysis, infinite-dimensional holomorphy, and analytic number theory. In this presentation, we aim to provide insights into some of the pivotal components of this evolving field, spanning from Bohr's renowned 'absolute convergence problem' to 'quantum and classical low-degree learning'.

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