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Rosie Lev-Halutz*, rosielev@gmail.com. *Victorian London's Mathematical Culture — Non-Euclidean Geometry as a Case Study*. Preliminary report.

The history of nineteenth-century British mathematics has been a widely studied field within the history of mathematics. In the second decade of the century a novel mathematical center, alternative to the previously unrivaled mathematical center of Cambridge University, emerged at London and continuously gained prominence as the century progressed. My study pursues the hitherto disregarded story of this audacious mathematical community, the progressive set of values it advocated, and its impact on the broader British mathematical community. In this lecture, by the means of the illuminating case study of non-Euclidean geometry, I analyze how these values underlay the London-based mathematical activity, and inquire into the question of the impact this community had on the development of non-Euclidean research in Britain. (Received September 12, 2019)