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June Barrow-Green* (june.barrow-green@open.ac.uk), School of Mathematics & Statistics, The Open University, Walton Hall, Milton Keynes, MK7 6AA, United Kingdom. *“Knowledge gained by experience”*: Olaus Henrici – engineer, geometer and maker of mathematical models.

The (Danish-born) German mathematician Olaus Henrici (1840–1918) studied in Karlsruhe, Heidelberg and Berlin before making his career in London, first at University College and then, from 1884, at the newly formed Central Technical College where he established a Laboratory of Mechanics. Although Henrici’s original training was as an engineer, he became known as a promoter of projective geometry. In my talk I shall explore connections between these two sides of Henrici’s work. (Received September 02, 2016)