1154-01-374 Glen R Van Brummelen* (gvb@questu.ca), 3200 University Boulevard, Squamish, BC V8B 0N8, Canada. Islamic Trigonometry: A Very Short Introduction.

Trigonometry neither began nor ended in the Islamic world, but what was eventually transmitted to Europe (and especially what wasn't) was a powerful, systematic tool with a scope and a list of applications far richer than its state in the 8th century AD. Two flavours of the subject, one in the middle east and the other in al-Andalus, took different approaches and had very different fates. We shall discuss the origins of Islamic trigonometry, various ways in which the subject was transformed, and the curious path by which it found its way to the West. (Received September 02, 2019)