

**Seminar SAW**  
**Seminar History and Philosophy of Mathematics – 2011-2016**

February 9<sup>th</sup>, 2015

**Mathematics, Astral science and Trigonometry**

**Nathan Sidoli** (Waseda University, Japan, SAW)

*Episodes in Greek Trigonometry*

**Abstract** – In this talk I will look at a number of calculations using trigonometric methods in Greek sources. I will begin with some proto-trigonometric work found in Aristarchus and Archimedes, then look at the way that Ptolemy handles trigonometry in his astronomical writings, and finally look at discussions of the computational techniques in late ancient authors.