

1116-01-375 **Nuh Aydin*** (aydinn@kenyon.edu) and **Lakhdar Hammoudi** (hammoudi@ohio.edu). *The Legacy of Al-Kashi: Why does it matter in the 21st century?*

Ghiyath al-Din Jamshid al-Kashi is one the most important mathematicians of the medieval Islamic civilization. His work and contributions to mathematics have been largely forgotten but there is a growing appreciation of his legacy. Miftah al-Hisab, his major work as a textbook which is a compendium of arithmetic, algebra, and geometry/measurement is yet to be translated to English. In this talk, the authors who are trained mathematicians describe the reasons why they became interested in Al-Kashi's work and why they undertook the task of translating Miftah into English. They will share some of their findings from the translation project so far as well as amazing and disturbing facts related to the legacy of Al-Kashi. (Received August 28, 2015)