

1096-E3-1487      **Lawrence D'Antonio\*** (ldant@ramapo.edu), 24 Meadoway, DOBBS FERRY, NY 10522. *The Mathematics Class at the Berlin Academy in the 18th Century*. Preliminary report.

In the 18th century professional academies played a significant role in supporting research in mathematics and the sciences. In this talk we will examine the impact of the Berlin Academy of Science. A distinguishing feature of the Berlin Academy was its organization into discipline based classes. The mathematics and philosophy classes were of particular importance in the 18th century. Euler, Lambert and Lagrange were the three most illustrious resident mathematicians of the Academy. We will look at the history of the Academy from its founding, to its revitalization under Frederick the Great, through the leadership of Maupertuis and Euler, ending with the twenty year term of Lagrange as director of the mathematics class. We will also discuss the prize competitions regularly sponsored by the Academy. (Received September 15, 2013)