

Meeting: 1003, Atlanta, Georgia, MAA CP E1, MAA Session on Mathematics in the Islamic World

1003-E1-484 **Leigh Atkinson*** (atkinson@unca.edu), Department of Mathematics CPO#2350, University of North Carolina at Asheville, Asheville, NC 28804. *The Islamic Revival of Latin Mathematics.*

Every mathematics teacher is aware that a good way to enliven a math class is to include a lively biography of a mathematician. A little-known, entertaining story, which can be inserted easily in any undergraduate course, is that of Gerbert, the mathematician and pope, who in 967 a.d. travelled across the Pyrennees to study mathematics in the Islamic civilization of Moorish Spain. This talk will describe the mathematics Gerbert learned in Spain, and the impact his learning had upon scholarship and teaching in Christian Europe. (Received September 16, 2004)