

1042-35-7

Timothy A Smith* (smitht1@erau.edu), 600 S. Clyde Morris Blvd., (Lehmann Bldg room LB-104), Daytona Beach, FL 32114. *Jean Baptiste Joseph Fourier*.

A survey of the Life of Jean Baptiste Joseph Fourier will be presented. This presentation will be given along a timeline of major events and accomplishments throughout his life. Examples of his work will be discussed from the classical problems of heat conduction which he studied in the early 1800's. In addition, modern problems and applications of his work will be noted. (Received May 09, 2008)