1135-01-1013   **Gizem Karaali*** (`gizem.karaali@pomona.edu`), Claremont, CA 91711. *Ada's Poetic Science: Correspondences of Ada Lovelace and Charles Babbage.* Preliminary report.

Augusta Ada, Countess of Lovelace, is today viewed as the first person to recognize the power of algorithmic machines and a pioneer in computer programming. Even though her father (the famed poet Lord Byron) abandoned her mother when Ada was a mere baby, and as a result her mother worked tirelessly to steer her away from poetry, in Ada's life, poetry and mechanics, literature and mathematics seem to coexist peacefully. In this talk we aim to explore the interplay between mathematics and poetry in Ada Lovelace's life, and seek clues in her correspondences with Charles Babbage, the inventor of the Analytical Engine. (Received September 18, 2017)