

ULTRARELATIVISTIC AND NON-RELATIVISTIC SHOCKS: SIMILARITIES AND DIFFERENCES

D. Eichler¹, M. Gedalin¹, and M. Balikhin²

¹*Ben-Gurion University, Beer-Sheva, Israel*

²*ACSE, University of Sheffield, Sheffield, UK*

Some of the important features of ultrarelativistic collisionless shocks, and how they differ from non-relativistic counterparts are reviewed, and the major questions as I see it are addressed. Some answers may be attempted.