

Partial Differential Equations and Applied Mathematics Seminar

Title

Global solutions of small Debye length for
the Euler-Poisson system

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Location Science Building #225 Yonsei University

Abstract

We discuss existence, time-asymptotic behavior, and quasi-neutral limit of the global solutions for the Euler-Poisson equations. If time permits, some key features of the proof and related problems will be discussed. This is joint work with C.-Y. Jung (UNIST) and M. Suzuki (Nagoya Inst. Tech.).