报告题目：Global regularity of the 3D relativistic Vlasov-Maxwell system
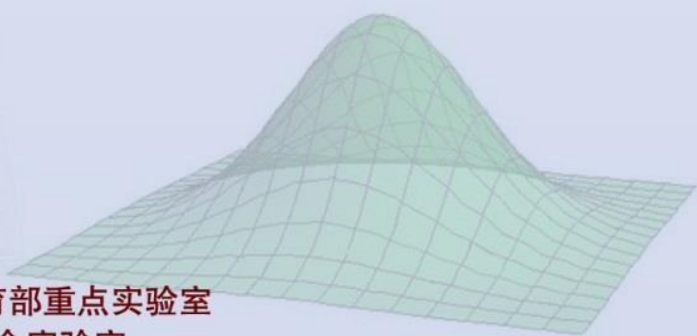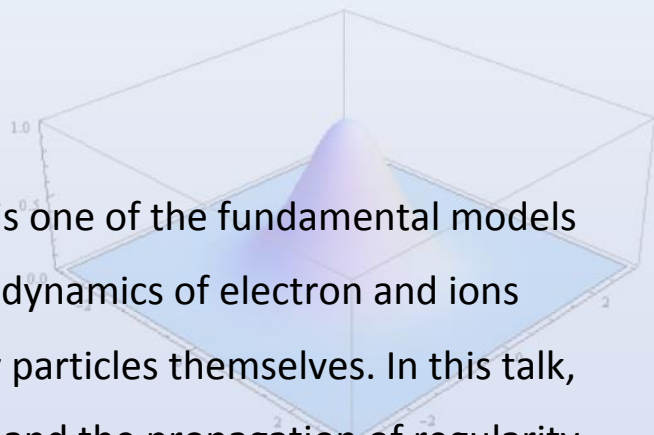
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时间：2024-04-26 星期五 10: 00-11:00

地点：光华东主楼1801

报告摘要：

The 3D relativistic Vlasov-Maxwell system is one of the fundamental models in the plasma physics, which describes the dynamics of electron and ions under the electromagnetic field created by particles themselves. In this talk, we discuss the existence of global solution and the propagation of regularity of the 3D relativistic Vlasov-Maxwell system for both the small initial data case and the large initial data case.