

# Science News & Journal Club Public Talk



时 间： 2018年01月19日 12:15 - 1:45pm

地 点： 紫台仙林园区3号楼402室

## Science News:

报 告 人： 李英杰

## Journal Club Public Talk:

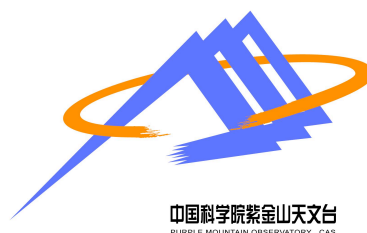
报 告 人： 汪 慎

报告题目： **The development of flexible integrated circuits based on thin-film transistors**

报告摘要：

The use of thin-film transistors in liquid-crystal display applications was commercialized about 30 years ago. The key advantages of thin-film transistor technologies compared with traditional silicon complementary metal-oxide-semiconductor (CMOS) transistors are their ability to be manufactured on large substrates at low-cost per unit area and at low processing temperatures, which allows them to be directly integrated onto a variety of flexible substrates. Here, I discuss the potential of thin-film transistor technologies in the development of low-cost, flexible integrated circuits for applications beyond flat-panel displays, including the Internet of Things and lightweight wearable electronics.

欢迎大家  
积极参与！



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