



東京大学大学院理学系研究科・理学部

物理学教室・地球惑星科学教室

ビッグバン宇宙国際研究センター 合同談話会

**真鍋淑郎氏(プリンストン大学)**

**“Exploring Global Warming with Climate Models”**

**2015年8月21日(金) 午後3時00分～午後4時30分**

**東京大学本郷キャンパス理学部4号館3階 1320号室**

One of the most powerful tools for investigating global warming is a climate model. It has evolved from a dynamical model of numerical weather prediction that has become indispensable for our daily life. Using a high speed computer, a climate model simulates the state of the coupled atmosphere-ocean-land system essentially based upon laws of physics. It has been very useful as a virtual laboratory of climate and is likely to remain as a very powerful tool for exploring and predicting climate change. Here I would like to present a few highlights of the modeling studies of global warming that I participated at Geophysical Fluid Dynamics Laboratory at Princeton University. The talk may be of interest for those who are curious about why global climate change is occurring as it does and what is likely to happen in future.

※ 講演は日本語で、学部学生の方までを念頭においたお話をお願いしています。

※ 午後2時30分過ぎから1320号室にお茶とお菓子を用意しています。どうぞご利用下さい。