

11月4日下午，应理学院魏春金教授的邀请，上海理工大学原三领教授作了题为《Threshold behavior in a stochastic algal growth model with stoichiometric constraints and seasonal variation》的线上学术报告。学院部分教师 and 研究生聆听了此次报告，报告由魏春金教授主持。原三领教授从实际背景出发建立具有化学计量约束和季节变化的随机藻类生长模型，得到藻类持久与灭绝的阈值，并得到正的随机周期解的存在性与全局吸引性，探讨了抑制藻华的有效途径。报告中原教授与师生们进行了热烈融洽的互动和交流，开拓了师生们的学术视野。

The screenshot shows a Zoom meeting interface. The main window displays a presentation slide with the following content:

- Outline:**
 - Stochastic model and some fundamental results
 - Introduction
 - Survival analysis of algae
 - Existence and attractiveness of positive periodic solution
 - Conclusion and simulations
- Title:** Threshold behavior in a stochastic algal growth model with stoichiometric constraints and seasonal variation
- Presenter:** Sanling Yuan
- Affiliation:** University of Shanghai for Science and Technology, China
- Date:** Jimei University, China, November 4, 2022

On the right side of the Zoom window, there is a vertical list of participants, including:

- 魏春金 (Wei Chunjin)
- 孙三领 (Sun Sanling)
- 王健 (Wang Jian)
- 桂杰 (Gui Jie)

The bottom of the screen shows the Zoom toolbar with icons for chat, mute, video, and other controls.