【20200928分枝过程讨论班学术报告】报告人：方榕娟(福建师范大学数学与信息学院)题目：Continuous-state branching processes in varying environments 时间：2020年9月28日（星期一）下午14:30-15:30地点：电子楼105报告厅线上：腾讯会议（会议号：513 729 269）摘 要：In this talk, we give a construction of a continuous-state branching process in varying environments by the pathwise unique solution to a stochastic integral equation driven by time-space noises. The process arises naturally in the limit theorem of Galton-Watson processes in varying environments established by Bansaye and Simatos (2015). In terms of the stochastic equation we clarify the behavior of the continuous-state process at its bottlenecks, which are the times when it arrives at zero almost surely by negative jumps. This is a joint work with Zenghu Li.