



Tuesday, February 19, 2019 at 15:00
Room 310

V.P. Tsvetkov
(Tver State University)

**Quantum phase spaces and non-deterministic chaos
of instantaneous heart rate**

The issue of describing the non-deterministic chaos of instantaneous heart rate based on its quantum phase space is considered in the report. This approach makes it possible to visualize Holter cardio monitoring data of a daily and longer period, presenting digital information in a form convenient for observation and analysis. The figures of quantum phase spaces of instantaneous heart rate belonging to the patients of the Tver Regional Clinical Cardiology Dispensary are given.