

# The Beams and Applications Seminar Series

## Thermocathodes and electron guns in BINP

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**Bldg. 203, Room R-150  
Friday, Nov. 19, 10:00 AM**

Host: Sergey Kondrashev

Abstract:

In the report features of thermocathodes, with respect to their use in different applications, will be discussed, such as:

- emitters' properties
- heating systems
- lifetimes of the cathode and electron guns

Some examples of guns fabricated in BINP will be presented, as well as the computer code used for optic simulations.

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