

## **Future facilities for nuclear and particle physics at BNL**

The evolution of the RHIC/AGS complex over the next decade is planned to enable BNL to provide the High Energy and Nuclear Physics communities with

1. High luminosity A-A,  $p\uparrow$ - $p\uparrow$  and p-A collisions at center of mass energies from 200 to 500 GeV/nucleon;
2. High intensity protons for rare K and neutrino physics;
3. e-A and  $e\uparrow$ - $p\uparrow$  collisions with 5-10 GeV electrons on 30-250 GeV/nucleon ions protons.

The talk will briefly describe the physics goals and planned construction initiatives for this evolution of BNL facilities.