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## **Path to high current 500 mA at NSLS-II**

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NSLS-II is a 3 GeV third generation synchrotron light source at BNL. The storage ring was commissioned in 2014 and began its routine operations in the December of the same year. Since then, we have progressed steadily upwards in beam current and reached 500 mA in five years while increasing new insertion devices. Along this path, we report various challenges and the improvements to reach high current.

### **Funding Agency**

### **Footnotes**

### **I have read and accept the Privacy Policy Statement**

Yes

**Co-author:** WANG, Guimei (Brookhaven National Laboratory)

**Presenters:** WANG, Guimei (Brookhaven National Laboratory); HIDAOKA, Yoshiteru (Brookhaven National Laboratory)

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