

# ESR Status March 3, 2020



- **little time for commissioning with beam so far,  
has to be continued in April**
- **functionality of stochastic cooling was demonstrated with beam,  
but more optimization is needed in user beamtime**
- **3 days off stable operation for laser spectroscopy of  $\text{Kr}^{32+}$  (350 and 290 MeV/u)**
- **so far 3 days of stable operation with  $\text{Xe}^{53+}$  30 MeV/u  
expectedly low stripping and transfer efficiency  
electron cooling and internal Xe target worked**