

	DRAFT AGENDA : 2025 NP Accelerator R&D PI Exchange Meeting, Monday, November 17, via Zoom Link: https://science-doe.zoomgov.com/j/1603754427?pwd=MdlP8sY9bmk29HXhmMLovXazGWHazU.1						Zoom
	Meeting ID: 160 375 4427						
	Passcode: *j@7FJPE						
Sequence #	Time (EST)	Dur. (min)	Principal Investigator	Institution	R&D Area	Presentation Title	Speaker(s)
	10:00 AM	5	-	DOE NP	-	Introductory Remarks	Mantica
	10:05 AM	35	-	DOE NP	-	NP supported Accelerator R&D and AI/ML	Farkhondeh
1	10:40 AM	35	Marsillac, Sylvain Poelker, Matthew	ODU TJNAF	Polarized electron Sources	Enhancing the Design of Photocathodes with 90% polarization and QE > 1% for DOE NP	Marsillac
2	11:15 AM	35	Bazarov, Ivan	Cornell	Electron Sources	Testing of polarized and unpolarized photocathodes with high average current at the enhanced HERACLES facility at Cornell University	Andorf/Bazarov
	11:50 AM	15	Break				
3	12:05 PM	35	Cultrera, Luca	BNL / SNL-sub	Polarized electron Sources	Superlattice structures with Distributed Bragg Reflector for intense spin polarized electron beams	Cultrera
4	12:40 PM	35	Kelly, Michael Kutsaev, Sergey Grigory Eremeev	ANL RadiaBeam FNAL	SRF	A Practical Niobium-Tin Cavity for the ATLAS Superconducting Linac	Kelly
5	1:15 PM	35	Ostroumov, Peter	MSU	Accelerator Diagnostics	Development of Novel Diagnostics and Tuning Techniques for High-Intensity Multiple-Charge Heavy-Ion Beams in Accelerators	Ostroumov
	1:50 PM	40	Lunch				
6	2:30 PM	35	Powers, Tom	TJNAF	Plasma Processing	In Situ Plasma Processing of Superconducting Cavities	Powers
7	3:05 PM	35	Todd, Damon	LBNL-88 inch	Next Gen Ion source	Development of a MARS superconducting cold mass for future generations of ECRIS	Todd/Benitez
8	3:40 PM	35	Camargo Villari, Antonio	MSU	Solid stoppers	Research and Development of a Solid-Stopper for the Facility for Rare Isotope Beams (SOL)	Villari
9	4:15 PM	35	Covrig Dusa, Silviu	TJNAF	Positron target	Develop a high-power, continuous beam positron target	Corvig Dusa
	4:50 PM	15	Break				
			Accelerator R&D FY2022-2023 Awards -under No Cost Extension (NCE)**				
10**	5:05 PM	20	Jordan, Kevin	TJNAF	RF sources	1497 MHz Vertical Slice Test of Magnetron & Superconducting Cavity	Jordan
11**	5:25 PM	20	Okamura, Masahiro	BNL	Laser Ion Source	Development of high current highly charged laser ion source	Okamura
12**	5:45 PM	20	Qiang, Ji Hao, Yue Gu, Xiaofeng	LBNL MSU BNL	Beam dynamics modeling	Advanced Modeling of Beam Physics and Performance Optimization for Nuclear Physics Colliders	Hao/Qiang
	6:05 PM	5	Closing Remarks				
	6:10 PM		Adjourn				
**	No Cost Extension						