

Session Program

25 September 2024

HEARTS Period 1 Review Meeting

WP5 Overview

Wednesday 25 September

13:30

WP5 Overview

Session | **Convener:** Simone Gerardin**13:30-13:35 WP5 Introduction****Speaker**

Simone Gerardin

13:35-13:45**Task 5.1: Final review of VHE ion beam requirements for SEE testing (ADS, TAS, month 1-6)****Speaker**

Simone Gerardin

13:45-13:55**Task 5.2: Analysis of ionization response in a PIN diode for beam quality assessments (UNIPD, month 1-24)****Speaker**

Simone Gerardin

13:55-14:05**Task 5.3: Suitability of the proposed VHE ion beams for 3D integrated device structures (UNIPD, month 12-36)****Speaker**

Simone Gerardin

14:05-14:15**Task 5.4: Validation of the VHE ion beams for industrial use with TRL 6-7 achievement (ADS, CERN, month 12-36)****Speaker**

Simone Gerardin

14:15-14:25**Task 5.5: Qualification of high-complexity devices (UNIPD, TAS, month 24-48)****Speaker**

Simone Gerardin

14:25-14:35**Task 5.6: Board-level testing (TAS, month 24-48)****Speaker**

Simone Gerardin

14:35-14:45**Q&A for WP5**

14:45