



# International Workshop on Very High Energy Electron Radiotherapy (VHEE'25)

## Wednesday, 17 September 2025

### Student Presentations (11:50 - 13:20)

-Conveners: Manjit Dosanjh; Lucia Giuliano

| time  | [id] title                                                                                                  | presenter        |
|-------|-------------------------------------------------------------------------------------------------------------|------------------|
| 11:50 | [58] Power and Beam Dynamics Optimization for a VHEE FLASH LINAC                                            | FARINA, Stefano  |
| 12:00 | [59] Predictive Modelling of Radiotherapy LINAC Downtime using Variational Autoencoders.                    | LEADLEY, Samuel  |
| 12:10 | [60] The optimal Very High Energy Electron beam parameters to treat glioblastoma using Pencil Beam Scanning | O'SHEA, Katie    |
| 12:20 | [61] CLEAR, operational status and VHEE activities.                                                         | TANGARI, Giacomo |
| 12:30 | [62] Transfer Matrix Formalism of In-Air VHEE Beam Profile Measurements at PEER                             | VALERIAN, Joel   |
| 12:40 | [63] Development of Scattering Systems for Tumour Conformality with VHEE Beams                              | WANG, Sabrina    |
| 12:50 | [65] Dosimetric Impact of Anatomical Change on VHEE and VMAT Plans: A Comparative Robustness Study          | D'ANDREA, Fabio  |
| 13:00 | [64] External Injection into Plasma to Produce VHEE Beams                                                   | BYRNE, Jordan    |