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Joint ICTP-IAEA Advanced Workshop on Single Ion Technologies for Bio-medical and Materials Sciences | (smr 4082)

Monday 30 June 2025

- Giambiagi Lecture Hall (AGH) (09:30-17:30)

time	title	presenter
09:30	Lecture 1: Opening of the Workshop & Welcoming Remarks	ALIZ SIMON (IAEA, AUSTRIA), RALF KAISER (ICTP, ITALY)
09:40	The IAEA ion beam accelerator programme	ALIZ SIIMON
09:50	Overview of the workshop structure and activities	ALIZ SIMON (IAEA, AUSTRIA), RALF KAISER (ICTP, ITALY)
10:00	Introduction of the Participants	ALIZ SIMON (IAEA, AUSTRIA), RALF KAISER (ICTP, ITALY)
10:30	Coffee Break	
11:00	Lecture 2: Review of Single Ion techniques	ANDREW BETTIOL
11:30	Introduction to short proposal exercise	ANDREW BETTIOL
12:00	Lecture 3: Single Ion Detection I: What and How?	ETTORE VITTONI
13:00	Lunch Break	
14:00	Lecture 4: Single Ion Detection II: Where?	ETTORE VITTONI
15:00	Lecture 5: Single ion detection for radiation biology experiment	PHILIPPE BARBERET
16:00	Coffee Break	
16:30	Group Exercise I	
17:00	Group Exercise II	