

Program: Day 1



Venue Theory: Ospedale Humanitas, Via Manzoni 56, Rozzano (Milan) - Italy - Congress Center

Venue Practical Training: Ospedale Humanitas, Via Manzoni 56, Rozzano (Milan) - Italy

10.00 - 10.30	Welcome (30 min) – <i>Tino Ebneth & Dr. Antonella Fogliata Cozzi</i>
10.30 - 11.15	Dosimetric software: BEAMSCAN Software (45 min) – <i>Tino Ebneth</i>
11.15 - 11.45	Dosimetric system: The water phantom and the slab phantom (30 min) – <i>Dr. Antonella Fogliata Cozzi</i>
11.45 - 12.45	Lunch (1h)
12.45 – 13.30	Detectors (45 min) – <i>Dr. Jan Wuerfel</i>
13.30 - 14.15	Signal quality (Quantum Noise) (45 min) - <i>Dr. Jan Wuerfel</i>
14.15 – 14.30	Preparing of the measuring system (15 min) - <i>Dr. Antonella Fogliata</i>
14.30 - 15.00	Coffee-Break (30 min)
15.00 – 16.00	Relative measurements (60 min) - <i>Dr. Antonella Fogliata</i>
16.00 – 16.30	Scatterfactors (30 min) - <i>Dr. Jan Wuerfel</i>
16.30 – 17.00	Move to the radiotherapy department (30 min)
17.00 – 20.00	Practical measurements at the LINAC on photon beams (4h) - <i>Dr. Antonella Fogliata</i>

Program: **Day 2**



Venue Theory: Ospedale Humanitas, Via Manzoni 56, Rozzano (Milan) - Italy - Congress Center

Venue Practical Training: Ospedale Humanitas, Via Manzoni 56, Rozzano (Milan) - Italy

09.30 – 10.00	Understanding the beam (30 min) - Dr. Antonella Fogliata
10.00 – 10.30	Measurement post-processing (30 min) - Dr. Antonella Fogliata
10.30 – 11.15	Electrometer – Technology and measurement errors (45 min) – Thomas Heisler
11.15 – 11.45	Coffee-Break (30 min)
11.45 – 12.00	Small Fields: Technical issues (15 min)– Dr. Antonella Fogliata
12.00 – 12.45	Nonstandard beams: Small fields (45 min) - Dr. Jan Wuerfel
12.45 – 13.30	Nonstandard beams: FFF beams (45 min) - Dr. Antonella Fogliata
13.30 – 14.30	Lunch (1h)
14.30 – 15.20	Whatever can go wrong, will go wrong (50 min) – Thomas Heisler
15.20 – 15.50	Beamscan without traps (30 min) – Thomas Heisler
15.50 – 16.20	Electron beams (30 min) - Dr. Antonella Fogliata
16.20 – 16.40	Discussion, Coffee-Break and move to the radiotherapy department (30 min)
16.40 – 19.30	Practical session at LINAC (2h 50 min) - Dr. Antonella Fogliata
20.00	Dinner

Program: **Day 3**

Venue Theory: Ospedale Humanitas, Via Manzoni 56, Rozzano (Milan) - Italy - Congress Center

10.00 – 10.20	Understanding the beam (20 min) - Dr. Antonella Fogliata
10.20 – 10.50	Non – dosimetric measurements (30 min) - Antonella Fogliata Cozzi
10.50 – 11.20	Coffee-Break (30 min)
11.20 – 11.50	Influence of dose rate dependency (30 min) – Dr. Jan Wuerfel
11.50 – 12.35	Overview about the absolute dosimetry (45 min) - Dr. Antonella Fogliata
12.35– 12.55	Difference between common protocols (15 min) - Dr. Antonella Fogliata
12.55 – 13.00	Evaluation of the course and closure (<i>end of the course</i>) – Tino Ebneht