

Program

Thursday 29/06

8:00 – 8:30 Registration

8:45 – 9:00 School Opening

Prof. L. Marchiol, Convener, University of Udine

Prof. E. Piasentier, Head of DI4A

Session 1. Structure and Characterization of Nanomaterials

Schedule	Speaker	Title
9:00 10:00	Alessandro Baraldi	When each atom counts: the unique properties of matter at the nanoscale
10:00 11:00	Clara Piccirillo	Engineered Nanomaterials (ENMs): synthesis and characterization

11:00 – 11:30 Coffee break

Session 2. Nano-Enabled Agriculture (part I)

Schedule	Speaker	Title
11:30 12:30	Luca Marchiol	Engineered nanomaterials and crops. A very recent story
12:30 13:30	Francesco Cubadda	Nanomaterials in food and feed: assessing human and animal health risks

13:30 – 14:30 Light lunch

Session 3. Nano-Enabled Agriculture (part II)

Schedule	Speaker	Title
14:30 15:30	Youry Pii	Plant-microbes-nanomaterials interactions in agroecosystems

15:30	Tiziana	Mitigation of the environmental impacts of agriculture: nano-
16:30	Tosco	herbicides
16:30	Danilo	Let the plants do the talking: Smart Agriculture by the messages
17:30	Demarchi	received from plants and soil
17:45 Group Photo		

Friday 30/06

Session 4. Engineered Nanomaterials and Plant Nutrition

Schedule	Speaker	Title
9:00	Luca	Plant-engineered nanomaterials interactions: an omics-based
10:00	Pagano	perspective
10:00	Guido	Nano-fertilization: a new approach of providing nutrients in the
11:00	Fellet	agroecosystem

11:00-11:30 Coffee Break

Session 5. Engineered Nanomaterials and Plant Protection

Schedule	Speaker	Title
11:30	Giorgio	Nanotechnology-based materials for sustainable plant
12:30	Balestra	protection strategies: a practical solution to replace pesticides
12:30	Sara	Application of nanotechnology for innovative gene-delivery
13:30	Francesconi	systems for plant protection strategies

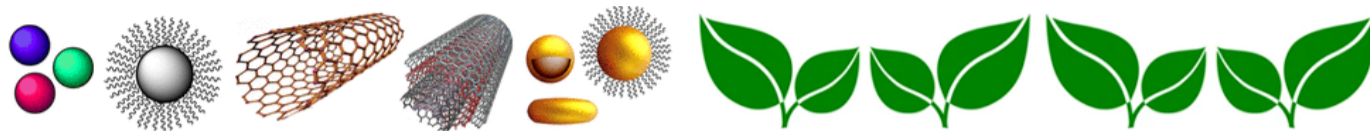
13:30 – 14:30 Light lunch

Session 6. Nano-Enabled Agriculture and Circular Economy

Schedule	Speaker	Title
14:30	Massimo	Lignin-based nanocarriers for the controlled release of active
15:30	Sgarzi	ingredients

15:30	Dora	Recycling of waste compounds: chitosan of biological origin as a
16:30	Scarpin	raw material for ENMs production

16:30 Conclusions and Greetings



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