

Day 1 – October 30, 2025

Morning – High School Activities

09:00 – 12:30: Interactive workshops at **ISIS Gaetano Filangieri**, Frattamaggiore, for high school students to explore hemp's potential in agriculture, industry, and health.

Afternoon – Registration, Awards & Scientific Conference

Location: Sala Congressi, Giardino degli Aranci, Frattamaggiore

13.30 Registration & Welcome Coffee

14:00 **Opening of the Conference**

Sustainability and Resilience in the Industrial Hemp Supply Chain

14:15 **OC-1**

Building sustainable and resilient hemp supply chains by optimized agronomic practices

Mattia Rapa

14:35 **OC-2**

Strengthening hemp supply chain resilience through sustainable valorization of flower waste: ionic liquid-enhanced essential oil extraction

Roberta Ascrizzi, Guido Flamini, Andrea Mezzetta, Lorenzo Guazzelli

14:55 **OC-3**

Assessing Training Needs for The South African Hemp Farmer Industry

Tshepo N.M. Lechaba, David Katerere

15:15 **OC-4**

Inhibitory Effects of Hemp-Derived Phenolics on Aflatoxin B1 Gene Expression and Hyphal Growth in *Aspergillus flavus*

Gabriela Kwapisz, Łukasz Szala, Justyna Staninska-Pięta, Agnieszka Piotrowska-Cyplik

15:35 **Coffee Break & E-Poster Session**

16:05 **Focus talk**

The aroma of hemp oil

Raffaele Sacchi – University of Naples “Federico II”

16:50 Focus talk

The Food Hemp Sector: Market Evolution and Outlook in Europe

Rachele Invernizzi – Vice President of FederCanapa & Member of EHIA

17:35 Roundtable

18:00 Award Ceremony: Best Hemp Oil of the Year – Alberto Ritieni Prize

Severina Pacifico – University of Campania “Luigi Vanvitelli”, President of the Scientific and Technical Committee of “Canapa è” Award Competition

Evening – Social Dinner

20:00 – 22:00: Social Dinner at Sala Congressi, Giardino degli Aranci, Frattamaggiore.

Day 2 – October 31, 2025

Conference: Sustainability and Resilience in the Industrial Hemp Supply Chain

Location: Sala Congressi, ASL Napoli Nord 2, Frattamaggiore

09:30 Institutional Greetings

10:00 Focus talk

Clinical use of cannabis in the management of chronic pain

Anna Vaccarella – Pain management specialist

10:20 Focus talk

Cannabis: the pharmacist’s perspective

Alessia Auriemma – Pharmacist

10:40 IS

State of Cannabis and Hemp in Africa

David Katerere – Tshwane University of Technology (South Africa)

11:25 Coffee Break & Networking

11:55 OC-5

Phytocannabinoid characterization for metabolomics-driven applications

Cinzia Ingallina, Francesca Ghirga, Andrea Calcaterra, Giulia Mazzocanti

12:15 OC-6

Amino acid and mineral content of whole hempseeds from 29 varieties and their nutritional contribution to adult diets

Sheyla Arango, Antonella Latrofa, Sarah Currò, Lucia Bailoni

12:35 FC-1

Three-dimensional characterization of industrial hemp plant tissues based on X-ray micro-computed tomography

Laura Gargiulo, Sabrina Maria Marsala, Giacomo Mele

12:40 FC-2

Development of NIRS calibration curves for the prediction of chemical and nutritional characteristics of industrial hempseed (*Cannabis sativa* L.) and its derivatives

Antonella Latrofa, Sarah Currò, Nadia Guzzo, Sheyla Arango, Lucia Bailoni

12:45 Lunch Break

14:15 OC-7

Cooling-assisted cold-pressing: a sustainable approach to high-quality hemp seed oil extraction

Maura Sannino, Simona Piccolella, Gianluca Picariello, Severina Pacifico, Guglielmo Maresca, Francesco Siano, Salvatore Faugno

14:35 OC-8

Enhancing industrial hemp (*Cannabis sativa*) leaf by-products: bioactive compounds, anti-inflammatory properties, and potential health applications

Luisa Frusciante, Michela Geminiani, Behnaz Shaba, Tommaso Olmastroni, Neri Roncucci, Pierfrancesco Mastroeni, Laura Salvini, Stefania Lamponi, Alfonso Trezza, Annalisa Santucci

14:55 FC-3

Comparative effects of aquaponics and hydroponics on cannabinoid and phenol profiles in hemp microgreens

Christophe El-Nakhel, Luana Izzo, Michele Ciriello, Antonio Pannico, Giuseppe Carlo Modarelli, Youssef Roupheal, Chiara Cirillo, Stefania De Pascale

15:00 FC-4

Innovative technologies for sustainable processing of hemp and flax

Dana Gina Radu, Cecilia Sirghie

15:05 Coffee Break & Networking

15:30 OC-9

Valorization of Seed Hemp (*Cannabis sativa* L. cv. Future 75) Residues for the Development of Nutraceutical Films and Coatings for Food Applications

Hamid Mushtaq, Simona Piccolella, Severina Pacifico

15:50 OC-10

Evaluating the potential of Lunako® Hair Cream to enhance hair growth/combat hair loss

Thobile Kaye, Adnotia Mathebula, Antoinette Mphogo, Dineo Manthoadi, Mbavhalelo Shavhani and David R Katerere

16:10 OC-11

Cosmetic applications of Lunako® cream: Clinical observations

Baatile Komane, Adnotia Mathebula, Antoinette Mphogo, Dineo Manthoadi, Mbavhalelo Shavhani and David R Katerere

16:30 Roundtable Discussion

17:00 Closing Remarks
