

## **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***

*Agnieszka Piotrowska-Cyplik, Gabriela Kwapisz, Justyna Staninska-Pięta*

**15:35 FC-1**

**PROHEMPOTIC: Development of a Fermented Hemp Seed Beverage**

*Jamila La Malfa-Donaldson, Amanda Lloyd, Manfred Beckmann, Pamela Thompson*

**15:40 Coffee Break & E-Poster Session**

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**16:10 Focus talk**

**The aroma of hemp oil**

*Raffaele Sacchi* – University of Naples “Federico II”

**16:55 Focus talk**

**The Food Hemp Sector: Market Evolution and Outlook in Europe**

*Rachele Invernizzi* – Vice President of FederCanapa & Member of EIHA

**17:40 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** **FC-2**

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

*Laura Gargiulo, Sabrina Maria Marsala, Giacomo Mele*

**10.45** **FC-3**

**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*

**10:50** **Coffee Break & Networking**

**11:20** **IS**

**State of Cannabis and Hemp in Africa**

*David Katerere* – Tshwane University of Technology (South Africa)

**12:05** **OC-5**

**Phytocannabinoid characterization for metabolomics-driven applications**

*Cinzia Ingallina, Francesca Ghirga, Andrea Calcaterra, Giulia Mazzocanti*

**12:25** **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*

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**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 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*

**15:15 FC-4**

**Effects of dietary inclusion of hemp leaves on milk yield and quality in dairy goats**

*Grazia Scalera, Antonio Di Francia, Francesco Serrapica, Felicia Masucci, Alfonso Gallo, Alessandra Esposito, Antonietta Anzalone, Giuseppe Rofrano, Luigi Jacopo D'Auria, Giovanna Cappelli, Augusto Siciliano*

**15:20 FC-5**

**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*

**15:25 FC-6**

**Innovative technologies for sustainable processing of hemp and flax**

*Dana Gina Radu, Cecilia Sirghie*

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**15:30 FC-7**

**Use of Hemp Biomass in Animal Feed: Transfer of Phytocannabinoids into Goat Milk**

*Augusto Siciliano, Antonio Di Francia, Francesco Serrapica, Felicia Masucci, Pasquale Gallo, Grazia Guadagnuolo, Giovanna Cappelli, Giuseppe Rofrano, Luigi Jacopo D'Auria, Alfonso Gallo*

**15:35 Coffee Break & Networking**

**16:05 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*

**16:25 OC-11**

**Cosmetic applications of Lunako® cream: Clinical observations**

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

**16:45 FC-8**

**Valorization of Cannabis sativa L. Seed Cake: Isolation of N-trans-Caffeoyltyramine and Development of Liquid-Core Hydrogel Beads for Cosmeceutical and Nutraceutical Applications**

*Maria Pia Vitale, Simona Piccolella, Severina Pacifico*

**16:50 Roundtable Discussion & Closing Remarks**

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