

..... RECENSIONI DI LIBRI

GESTIRE LE MALERBE

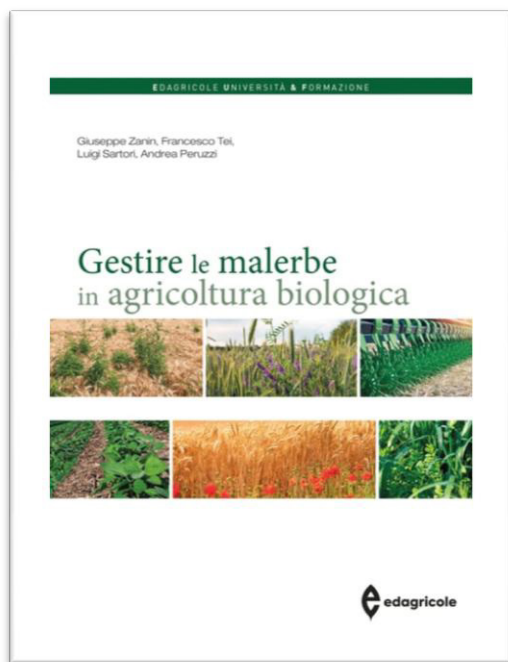
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Il volume illustra le strategie agronomiche, meccaniche e fisiche di gestione delle malerbe in un'ottica di agricoltura biologica ma pienamente utilizzabili anche in agricoltura convenzionale.

Partendo all'inquadramento bio-ecologico, i diversi capitoli espongono le azioni proattive che rendono il terreno meno adatto alle malerbe, le misure preventive per il contrasto alle infestanti, prima e durante la semina, e gli interventi diretti (meccanici e fisici) il cui timing e frequenza devono essere decisi in base all'infestazione, allo sviluppo della coltura e ai corrispondenti parametri competitivi temporali.

La descrizione delle diverse attrezzature meccaniche per gli interventi diretti valorizza in particolare le condizioni che ottimizzano l'abbinamento attrezzatura-utensili-infestazione-coltura-terreno.

INDICE:

Biologia ed ecologia delle malerbe - Strategie proattive - Strategie preventive - Interventi di controllo diretti dopo l'emergenza della coltura - Biologia delle malerbe perenni: conoscerle per gestirle - Gestione delle malerbe perenni - Conclusioni - Appendici.

GLI AUTORI:

Giuseppe Zanin, Professore Emerito dell'Università degli Studi di Padova. Si è occupato da sempre di gestione delle malerbe, della loro biologia, della risposta agli interventi agronomici e in particolare della competizione sviluppando sistemi di supporto alle decisioni (SSD) in grado di prevedere gli esiti competitivi di infestazioni miste. È stato per lunghi anni responsabile del "Centro di Studio sulla Biologia ed il controllo delle piante infestanti" del CNR. Autore di numerose pubblicazioni e di libri e capitoli di libri, è coautore del testo didattico *Malerbologia*. Un suo lavoro è stato premiato dalla Società Americana di Weed Science.

Francesco Tei, Professore Ordinario di Agronomia e Coltivazioni erbacee dell'Università degli Studi di Perugia. Autore di più di 250 pubblicazioni scientifiche in campo agronomico. Nel settore della malerbologia si è occupato dei metodi di gestione integrata delle malerbe sia nelle colture orticole sia in quelle estensive. Dal 1998 è membro dell'Editorial Board della rivista scientifica *Weed Research*. Dal 1996 al 2010 è stato coordinatore del gruppo di lavoro "Weed Management Systems in Vegetables" della European Weed Research Society (EWRS).

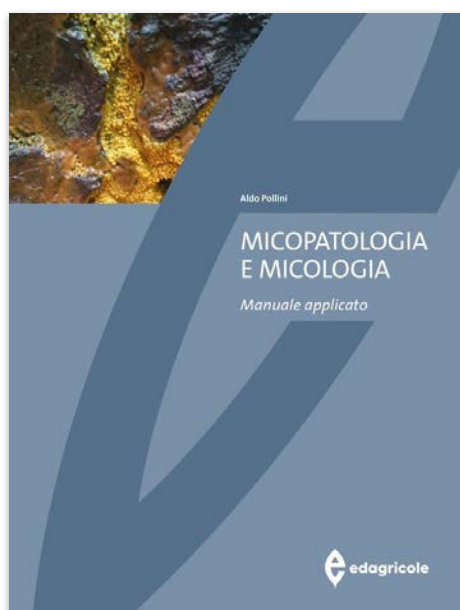
Luigi Sartori, Professore Ordinario di Meccanizzazione agricola presso il Dipartimento Territorio e Sistemi Agroforestali dell'Università degli Studi di Padova e attualmente Presidente della Sezione "Meccanizzazione e tecnologie per le produzioni agricole" dell'Associazione Italiana di Ingegneria Agraria (AIIA). La sua attività di ricerca copre tematiche inerenti le tecnologie meccaniche e digitali utilizzate nell'agricoltura conservativa e nell'agricoltura di precisione. Ha partecipato ed è stato responsabile scientifico di progetti europei, nazionali e regionali su argomenti di sua pertinenza ed è autore di numerose pubblicazioni scientifiche e di articoli e monografie a carattere divulgativo.

Andrea Peruzzi, Professore Ordinario di Meccanica Agraria presso il Dipartimento di Scienze Agrarie, Alimentari e Agroambientali (DiSAAA-a) dell'Università di Pisa, svolge da poco meno di 40 anni attività di ricerca e attività didattica sulla meccanizzazione in agricoltura biologica con particolare riguardo alla gestione fisica della flora spontanea e, in tempi più recenti alla definizione di stra-

tegie agronomiche e alla realizzazione di macchine innovative per l'agricoltura biologica e conservativa. È autore e/o coautore di circa 600 pubblicazioni scientifiche, libri e capitoli di libri ed è titolare del brevetto di una macchina per il controllo meccanico delle malerbe.

MICOPATOLOGIA E MICOLOGIA MANUALE APPLICATO

AUTORE: ALDO POLLINI



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Al regno dei funghi appartengono organismi viventi come parassiti, saprofiti o associati in simbiosi con altri organismi, come accade per i licheni e per le micorrize e le piante superiori.

Il volume prende in esame i più significativi agenti micotici che risultano patogeni nei confronti delle piante di importanza agraria, forestale ed ornamentale, nonché una modestissima parte dei funghi con cappello o di altra forma (commestibili e non) che vivono sulle piante, che hanno rapporti micorrizici con le loro radici (p. es. i tartufi), che crescono nei prati o che possono essere oggetto di coltivazioni su substrati artificiali.

Delle diverse specie prese in esame sono indicate le caratteristiche morfologiche, le sintomatologie prodotte dagli agenti, gli aspetti bio-epidemiologici e sono sinteticamente esposti i principali provvedimenti di prevenzione e di difesa.

INDICE:

Generalità - REGNO PROTISTA (Classe Myxomycetes - Classe Phytomyxea Engler & Prantl em. Cavalier-Smith) - REGNO CHROMISTA (Classe Peronospora) - REGNO FUNGI (Classe Chytridiomycetes T. Cavalier-Smith (1998) - Classe Zygomycetes - Classe Taphrinomycetes O.E. Eriksson & Winka (1997) - Classe Saccharomycetes O.E. Eriksson & Winka (1997) - Classe Eurotiomycetes O.E. Eriksson & Winka (1997) - Classe Dothideomycetes O.E. Eriksson & Winka (1997) - Classe Leotiomycetes O.E. Eriksson & Winka (1997) - Classe Pezizomycetes O.E. Eriksson & Winka (1997) - Classe Sordariomycetes O.E. Eriksson & Winka (1997) - Classe Coniocybomycetes M. Prieto & Wedin (2013) - Classe Agaricomycetes Doweld (2001) - Classe Pucciniomycetes R. Bauer, Begerow, J.P. Sampaio, M. Weiss & Oberwinkler (2006) - Classe Ustilaginomycetes R. Bauer, Oberwinkler & Vánky (1997) - Classe Microbotryomycetes R. Bauer, Begerow, J.P. Sampaio, M. Weiss & Oberwinkler (2006)) - FUNGHI ANAMORFICI O ANAMORPHIC FUNGI (Funghi anamorfici o Anamorphic fungi).

L'AUTORE:

Aldo Pollini ha svolto attività di ricerca e sperimentazione per quasi tre decenni presso l'Osservatorio Malattie Piante di Bologna (ora Servizio Fitosanitario Regionale dell'Emilia-Romagna). Dal 1999 esercita la libera professione nel settore della consulenza fitopatologica e dell'estimo legale.

CONGRESSI

IEEE 2024 International Workshop on Measurements and Applications in Veterinary and Animal Sciences

22 - 24 April | Turin, Italy

The aims of the IEEE International Workshop on Measurements and Applications in Veterinary and Animal Sciences (MeAVeAS) are to comprehensively explore the various aspects of interactions among the realms of instrumentation and measurement, bio-engineering, material science, chemical and biological measurements, and the field of veterinary medicine and animal and food science. Metrology applied to medical and biological disciplines is an ancient and multidisciplinary science of which there is evidence already from ancient Egypt, when a measure called "cubit", which included the distance between the hand and elbow of individuals, was used to classify morphologically

the people, referring to them the reference measure represented by the "cubit" of the pharaoh.

Metrology studies measurements of magnitude in order to have official references (units of measurement) to refer to, to identify measurement systems, means and methods for following measurements of various kinds.

The Workshop provides a platform for researchers, veterinarians, and animal scientists to engage in the exchange of ideas and information, establish connections and collaborations, and stay updated on innovations in the fields of veterinary medicine and animal science.

MeAVeAS is dedicated to bringing together professionals working on the development of instrumentation and measurement methods, not only for veterinary medicine but also for ecology and for food and animal science. Our focus extends to various aspects, including cutting-edge technologies for monitoring the health of animals, metrology-assisted production in the food industry, sensors and associated signal conditioning techniques tailored for veterinary medicine and animal science, as well as calibration methods for electronic test and measurement applications in these fields.

A Call for papers and a Call for Special sessions are foreseen. Special Sessions have the primary objective of establishing mini-workshops dedicated to specific topics. Within these sessions, researchers with shared interests can collectively expand their knowledge, engage in fruitful discussions, exchange ideas, and foster collaborative endeavors.

Discover more on the web site:
<https://www.meaveas.org/home>

4th Oils & Fats Exhibition And Conference Bangladesh - 2024

25 - 27 April 2024 | Dhaka, Bangladesh

Oils & Fats Exhibition and Conference Bangladesh offer a supreme platform to showcase your innovative Oils & Fats solutions to South Asia's audience of industry professionals. Connect with key decision-makers, build valuable partnerships, and gain unparalleled visibility in the rapidly growing Oils & Fats market in Bangladesh. Don't miss the opportunity to develop your brand, expand your network, and stay at the lead of the Oils & Fats industry. Oils & Fats Expo Bangladesh is concurrent with the "12th International Grain Tech Bangladesh" exhibition.

More information and program updates:
<https://www.oilfatbd.com/>

2024 AOCS Annual Meeting & Expo

28 April - 1 May 2024 | Montréal, Québec, Canada

Beyond Chemistry: Solving Complex Problems Together

The AOCS Annual Meeting & Expo brings together

thousands of chemists, engineers, technologists, and researchers focused on the science and technology of fats, oils, proteins, surfactants, and related materials.

The 2024 theme, Beyond Chemistry: Solving Complex Problems Together, embraces the work of a diverse range of specialists who address global problems — and improve the lives of people around the world.

Co-located with the 2024 Sustainable Protein Forum and featuring additional short courses, this year's annual meeting will bring together our largest ever community of inspired minds.

The annual meeting meeting technical program features 80+ sessions across 10 interest areas for specialists in fats, oils, proteins, surfactants, and related materials. This comprehensive two and a half day program offers hundreds of presentations and posters from chemists, engineers, technologists, nutritionists, and researchers from around the world — including unique multidisciplinary sessions that bring together multiple interest areas to find solutions to shared problems.

2024 Annual Meeting Session Topics:

- Analytical
- Biotechnology
- Industrial Oil Products
- Lipid Oxidation and Quality
- Phospholipid
- Processing
- Protein and Co-Products
- Surfactants and Detergents

This year's student competitions will take place in person in Montreal. All students who submit an accepted abstract to one of the competitions and attend the annual meeting will be eligible. Presenters must be a student at the time of the abstract's submission.

AOCS is looking for unique perspectives and expertise to support our technical services and education programs. Committees and expert panels will be open for participation in order to show how they work.

Short courses:

- *Edible Fats and Oils Refining* | 27-28 April
- *Lipid Oxidation in Foods* | 28 April

For more information visit:

<https://annualmeeting.aocs.org/>

Globoil International 2024

6 - 8 May 2024 | Dubai

Navigating the Future of Edible Oils: Innovation, Sustainability, and Market Dynamics.

Globoil International is the leading global forum for the edible oil and agri-trade industry, set to unfold in the dynamic city of Dubai. An unparalleled gathering of industry leaders, innovators, and experts from around the world. Dive into the latest trends, technologies, and strategies shaping the future of

edible oils, agriculture, and global trade. Engage in valuable networking, explore business opportunities, and gain insights from the forefront of industry innovation.

See more information and the program at: <https://www.globoilinternational.com/>

14th ICIS World Surfactants Conference

9 - 10 May 2024 | Jersey City, NJ

Bringing together industry professionals from all corners of the surfactants value chain for an informative and valuable two days, the ICIS World Surfactants Conference is now in its fourteenth year. With the demand for surfactants continuing to grow, it is more important than ever for industry professionals to stay informed about developments in the field. This year's conference will once again provide a trusted and valuable platform for sharing knowledge, connecting peers, and helping leaders stay up to date on the latest trends and innovations in the surfactants industry.

The conference is aimed at those looking to gain critical insight into the surfactants industry and the pain points stakeholders are having. With the addition of speakers from across the value chain industry groups:

- Consumer Brands and End Users
- Chemical Producers
- Distributors and Traders
- Converters and Processors
- Industry associations

Learn. With an insightful agenda planned, you will hear from those at the forefront of the industry who are making decisions that will impact the wider market.

Exclusive insight into the following topics:

- Supply and Demand Dynamics
- Sustainability
- Surfactant Innovations
- Regulation and Policies

Networking. We understand that the surfactants industry is complex and involves a range of professionals from different parts of the value chain. That's why we focus on bringing together a diverse community across the industry, to ensure that our conference provides a valuable and meaningful experience for all in attendance.

By gathering a diverse group of experts and providing ample opportunities for connection and collaboration, we strive to create a dynamic and productive environment that supports the success of everyone who attends.

Collaborate. Foster collaboration with industrial peers and work towards achieving sustainability targets and overcoming market challenges, through new insight gained at the conference and the networking opportunities available to those in attendance.

More info: <https://events.icis.com/website/8544/>

5th MS-Wine Day

22 - 24 May 2024 | Asti, Italy

Thanks to its application versatility and its innovative potential, mass spectrometry offers advanced tools for the compositional characterization of oenological matrices and the traceability of wine products: it allows the accurate evaluation of quality with the analysis of aromatic volatile compounds, polyphenols and antioxidant compounds present in wines and grapes, proves to be fundamental for the identification of contaminants, such as pesticides and mycotoxins, and represents an indispensable tool for the monitoring and optimization of production techniques, the study of vine diseases and the monitoring of aging and fermentation processes.

The Mass Spectrometry Division of the Italian Chemical Society has established the series of "MS-Wine Day" conferences every two years with the aim of creating a stable scientific reference point of synergy between Public Bodies, Private Bodies and Companies operating in the analytical sector -oenological.

These events have the aim to connect experts, researchers and professionals, promoting discussions focused on the potential and benefits of mass spectrometry in the wine industry.

During the event the applications of mass spectrometry will be explored in the fermented beverage sector in general, thus broadening the horizon of discussion and research.

Main topics

- Wine and Fermented Beverages quality
- Traceability and Counterfeit in Fermented Beverages
- Metabolomic and Proteomic Profiles in Wine, Beer, and Spirits
- Cutting-Edge MS Techniques Applied to Enology
- Monitoring Oenological Processes and Fermentation
- Identification of Contaminants and Faults in Alcoholic Beverages

More information and program on the web site:

<https://www.spettrometriadimassa.it/Congressi/5MSWineDay/index.html>

Future of Surfactants Summit

22 - 23 May 2024 | Seville, Spain

The aim is to find solutions to pressing issues such as the potential restrictions on 1,4-Dioxane, alternative feedstocks, becoming more biodegradable and becoming a circular economy. Participants also have the chance to discuss new technologies and solutions that are constantly evolving in the industry and increasing efficiency in chemical manufacturing. The event will give important updates and revisions from the past year while foreseeing what is next to come for the industry and

encouraging the use of more biodegradable and bio-based surfactants without the overuse of greenwashing marketing techniques often found in these type of industries. The event will bring together key industry stakeholders from feedstocks suppliers, raw material producers and suppliers, chemical distributors, surfactant manufacturers, consumer product manufacturers, private labels, retailers, industrial cleaning product manufacturers, lab equipment suppliers, technology suppliers. Key Topics:

- Designing A Circular Economy Model for the Surfactants Industry
- Updates within the European and Global Market
- Moving Towards Oleochemical Feedstocks
- Gaining a Better Understanding of Consumer Needs
- Adopting More Sustainable Practices within the Industry
- Emerging Trends and future Directions in Surfactant Research
- Advances of AI Technology and its Involvement in Surfactants

More information on:

<https://www.wplgroup.com/aci/event/surfactants-summit/>

12th Workshop on Fats and Oils as Renewable Feedstock for the Chemical Industry

3 – 5 June | Dusseldorf, Germany

The environmentally sound and sustainable use of natural resources is an important worldwide challenge. At present, fats and oils are the most widely used renewable raw materials in the chemical industry, since they offer widespread possibilities for different applications. The Workshop has evolved to a major global oleochemical meeting, attracting participants from all over the world. Important contributions have been and will be documented in special issues of European Journal of Lipid Science and Technology. The Workshop will discuss new developments as well as future perspectives of the chemical usage of fats and oils including terpenes. Presentations from industry representatives will show the progress in introducing renewable materials to the market.

The workshop will cover many topics, such as:

- Chemistry of fats and oils & other renewable resources
- Synthesis of fine chemicals
- Monomer / Polymer synthesis
- Catalysis
- Sustainability
- Introducing renewable materials to the market

See more on: <http://www.abiosus.org/workshop-2024.html>

The 32nd Nordic Lipidforum Symposium

9–12 June 2024 | Turku, Finland

The main heading for the symposium is: *Lipids for the future - contribution of lipids in nutrition, food products and pharmaceuticals.*

The symposium will cover a variety of topics relevant for new science of lipids including:

- health and nutritional aspects of lipids
- pharmaceutical aspects of lipids
- lipids in personalised nutrition
- lipids in skin care
- lipids in aquaculture and pet nutrition
- novel lipids and fatty acids
- lipid oxidation and antioxidants
- novel processing and technology
- advanced lipid analysis and food safety

The symposium is an important meeting place for scientists, engineers, sales and marketing personnel and all others working within academia, health care and industry. The event is a unique possibility to exchange science and technology issues related to lipids, fats, and oils.

More information and Program at:

<https://eurofedlipid.org/the-32nd-nordic-lipidforum-symposium/>

IGC Grains Conference 2024

11 - 12 June 2024 | London, UK

The broad theme of the IGC Grains Conference 2024 will be centred on the role of global trade in the context of volatile markets and food security. The event will provide the perfect platform for policymakers and industry leaders to engage in meaningful discussions surrounding key challenges in relation to climate change, protectionism, technological advances, as well as trade finance. A special geographical focus will assess emerging trends and business opportunities in the Eurasian grains and oilseeds sectors.

The International Grains Conference is a truly global platform for dialogue between policymakers and operators across the entire value chain. The event is held over two full days, the first of which is typically devoted to discussions surrounding the challenges, risks and opportunities in global trade. Day two of the event comprises a number of commodity-specific workshops, covering topical issues affecting markets for grains, rice, oilseeds, pulses and related sectors.

More information and program at the event page:

<https://www.igc.int/en/conference/confhome.aspx>

Oleofuels 2024

12 - 13 June 2024 | Milan, Italy

Following the success of Oleofuels 2023 which brought 300+ senior level industry professionals to Seville, Spain in June, ACI organize the 15th edition of the event for professionals and experts in the field of oleofuels, providing a unique platform

for networking and knowledge exchange. In this two-day conference, industry leaders, manufacturers, researchers, policymakers, and market experts will come together to discuss the latest advancements, challenges, and innovations in the field of oleofuels. The event will feature informative presentations, interactive panel discussions, and engaging networking sessions.

The conference offers a valuable opportunity to gain insights into the current market trends, learn about the most recent technological developments, and explore potential collaborations within the industry. It will provide participants with an in-depth understanding of the global oleofuels market, its future prospects, and the regulatory framework shaping the industry.

Key topics:

- Oleofuel Global Outlook, Trends & Drivers
- Exploring Growing Mandates and Legislations in Europe: What Impact Will This Have on the European Market?
- Overcoming Feedstock Challenges: Sourcing & Supply
- Moving Towards a More Cohesive Future
- Supply Chain Management
- Case Studies: FAME vs HVO
- Optimising New Technologies
- Decarbonising the Transport Sector: Road
- Decarbonising the Transport Sector: Aviation
- Decarbonising the Transport Sector: Maritime

For more information and update visit:

<https://www.wplgroup.com/aci/event/oleofuels/>

EFRA Congress 2024

12 – 15 June | Amsterdam

This will be the 22nd EFRA Congress which has become one of the main events for the European and global rendering industry to network and learn about the latest developments.

Info: <https://efra2024amsterdam.com/home.php>

Vegoils&Meals Trade

June 14 in Seville, Spain

The international conference will be dedicated to the EU oilseeds and by-products market with a focus on premium vegetable oils.

Key subjects:

- Prospects for oilseed production in the world, in particular in the EU and the Black Sea region in 2024/25 MY
- Global trends of the global vegetable oils market: results of 2023/24 MY and forecasts for 2024/25 MY
- Logistics as one of the main challenges for the agrarian market, which is gaining global scale
- European vegetable oil market: main players, production, consumption
- Sunflower oil market: trends and features of

2023/24 MY, competition from soybean oil

- European market of premium vegetable oils: features of the olive and high oleic oil segment, development vector, import of raw materials
- Latin America as a key supplier of oilseeds
- The meal market: consumption patterns, increase in imports
- Biofuel market: key trends, key players, segment prospects
- Quality requirements for key oilseed products supplied to the EU market: expert opinion
- Green Deal in agriculture: trends and prospects
- European integration of Ukraine as a key player in the global agricultural market

Target audience: oilseed processors; traders; agricultural holdings; industry organisations; leading domestic and international agricultural experts; equipment manufacturers; major exporters and consumers of oilseeds and processed products; representatives of scientific organisations, etc.

For more information visit:

<https://www.apk-inform.com/en/conferences/Veg-Oils-Meals-Trade-2024/about>

5th International Symposium on Lipid Oxidation and Antioxidants

08 - 10 July 2024 | Bologna, Italy

Euro Fed Lipid organise the upcoming 5th ISLOA, which will take place in the fascinating city of Bologna.

Lipid oxidation is a critical area of research with far-reaching implications in various fields, including food science, nutrition, pharmaceuticals, and health. The role of antioxidants in mitigating lipid oxidation is equally significant.

The congress aims to bring together experts, scholars, researchers, and professionals from around the world to exchange knowledge, share their latest findings, and foster collaboration in this important domain.

The meeting will cover, among others, the following topics:

1. Innovative methods for lipid oxidation and antioxidant evaluation (e.g. fluorescent probes, mass spectrometry, lipidomics, NMR);
2. Elucidation of lipid oxidation and antioxidant mechanisms (e.g. free radical chemistry, multi-phasic systems);
3. Lipid oxidation and antioxidant effects in real systems (e.g. bulk oil, emulsions, oleogels, food, recycled oils);
4. Protein oxidation in lipid-containing model systems and food: oxidative interactions and antioxidant effects;
5. Nutritional and physiological effects of oxidized lipids and antioxidants.

For more information and update visit:

<https://veranstaltungen.gdch.de/microsite/index.cfm?l=11650&modus=>

PALMEX Thailand 2024

1-2 August 2024 | Suratthani, Thailand

This is the only specialized Palm Oil event in Thailand that brings together an international congregation of both upstream and downstream palm oil companies and also its supporting industries gathered in South of Thailand, Thailand to showcase the latest developments in the palm oil industry.

Thailand, currently ranked #3 in the world for CPO is a potential and viable market for palm oil technology companies as the industry is currently honing new palm oil technologies and equipment to help spur its production further.

See more: <https://www.palmoil-conference.com/>

21st International Sunflower Conference

20-24 August 2024 | Bayannur, China

The 21st ISC will be a 5-day conference consisting of plenary talks, scientific and industry workshops, and poster sessions. Topics of interest include Genetics and Breeding, Genomics and Biotechnology, Biotic Stress and Abiotic Stress, Crop Production and other fields of the entire sunflower industry chain. We believe that this event will strengthen the global scientific sunflower community, as well as demonstrate the dynamic changes and significant accomplishments of the confection sunflower industry in China.

The aim of the event is to strengthen the global scientific sunflower community, as well as demonstrate the dynamic changes and significant accomplishments of the confection sunflower industry in China.

See the event page: <http://www.esanrui.com/isc>

PALMEX Malaysia 2024

28 - 29 August | Kuala Lumpur

The PALMEX Malaysia 2024 is the specialized Palm Oil event in Asia that brings together an international congregation of both upstream and downstream palm oil companies and also gathers its supporting industries to showcase the latest developments in the palm oil industry.

Currently ranked as the world's 2nd largest palm oil producer, this event will be supported by the local Malaysian Palm Oil Community ensuring major players in the industry would be represented at this event.

The event is addressed to Palm Oil Estate Owners, Producers, Policy & Decision Makers, Scientists, Engineers & Technologists, Importers, Exporters & Traders, Processing Planters, Refiners, Regulatory Bodies, Agents/distributors/traders, Agriculturist, Biotechnologist, Builders & Construction Workers, Buyers/Purchasers, Chemists, Design & Consultancy Experts, IOT Associated Parties, Engineers & Contractors, Environmentalist, Government Agencies/Academia, Manufacturers Representative, Material Testing & Inspector.

Event updates on: <https://asiapalmoil.com/>

Sustainable Aviation Futures North America Congress

2 - 4 October 2024 | Houston, USA

With the USA positioned as a global leader for announced SAF projects, and exciting offtake agreements being announced with increasing frequency, the path to meeting the SAF Grand Challenge's ambitious targets appears promising. Over the three days, our expert speakers will:

Dissect regulatory frameworks across North America and how national Book and Claim standardization may be implemented

Dive into the challenges of financing the scaling of SAF and what role sustainable finance should play

Examine the latest permitted feedstocks and share insights on lifecycle analysis

Discuss exciting developments in hydrogen, hybrid, and electric aircraft

Hear from some of the most influential experts working within the aviation and energy industry, including airlines, fuel producers, policymakers, hydrogen and energy developers and OEMs. Sustainable Aviation Futures North America Congress will feature 40+ hours of industry-leading content in panels, keynotes, and interactive workshops, covering the A-Z of SAF, feedstocks, policy, sustainable, aerospace technologies and eFuels and hydrogen.

More information: <https://www.safcongressna.com/>

8th MS Food Day

16 - 18 October 2024 | Brindisi, Italy

High quality, healthy and safe food, with good nutritional and sensory characteristics, are necessary for a satisfactory quality of life.

For this reason, authentication and traceability of foodstuffs, characterization of food components, quality control, identification and quantification of additives, allergens, chemical and microbiological contaminants, preservation of food components during storage and processing, packaging technology, determination of nutritional and sensory properties, are essential for citizens and consumers with widespread consequences on health, and on agriculture, industry and economy.

In all these aspects mass spectrometry plays a key role. The impressive evolution of its applications, methods, instrumentation and technology yielded highly sensitive, specific, fast, robust and validated methods that are fundamental tools in food science and technology.

The 8th MS Food DAY is a biannual conference focused on all topics related to the use, methods and applications of mass spectrometry in food.

It represents an excellent occasion for presenting the state-of-the-art of mass spectrometry in food chemistry & technology, along with the latest innovations and novelty in instrumentation and applications.

As already testified by the successful previous editions, this will also create the optimum opportunity to meet the needs and opportunities of academic institutions, research and control institutions, private enterprises and food companies.

The conference will include plenary lectures, oral and poster communications.

Topics include:

Innovations in food science applications of MS

- Food Authenticity & Traceability
- Food Safety
- Food Quality
- Food and Health
- Functional Food & Nutraceutical
- FoodOmics
- Sensomics
- Oils and fats
- Artificial intelligence
- Machine learning in MS
- MS on Food Big Data Handling
- Food Packaging
- Process monitoring

Methodological and instrumental developments

- High resolution Mass Spectrometry
- High-throughput techniques
- Ambient Mass Spectrometry
- Isotope Ratio Mass Spectrometry
- Stable isotopes
- Direct Injection/Infusion Mass Spectrometry
- Ion sources and mass analysers

For more details visit:

<https://www.spettrometriadi massa.it/Congressi/8MS-FoodDay/>

From fats to lipids: 80 years of shared knowledge AFECG-SFEL (1943–2023)

Emile Choné

OCL, 30 (2023) E1

DOI: <https://doi.org/10.1051/ocl/2023010>

AGRONOMY

Impact of deficit irrigation on the physiological and agronomic traits of 24 safflower (*Carthamus tinctorius* L.) genotypes grown in Iran

Seyed Mohammadreza Seify, Hamid Madani, Seyed Saeid Pourdard, Ghorban Nour-Mohammadi et Mahdi Changizi

OCL, 30 (2023) 27

DOI: <https://doi.org/10.1051/ocl/2023027>

Changing cropping pattern of oilseed crops and its diversification: The case of Thar Desert, Rajasthan (1985–1986 to 2015–2016)

Shivjeet Kaur et Jasvir Singh

OCL, 30 (2023) 13

DOI: <https://doi.org/10.1051/ocl/2023017>

Correlation and sequential path analysis of oil yield and related characteristics in camelina under seasonal variations

Merve Göre, Hossein Zeinalzadeh-Tabrizi et Orhan Kurt

OCL, 30 (2023) 2

DOI: <https://doi.org/10.1051/ocl/2022035>

Plant density influences yield, yield components, lint quality and seed oil content of cotton genotypes

Sepideh Jalilian, Hamid Madani, Mosareza Vafaie-Tabar et Nour Ali Sajedi

OCL, 30 (2023) 12

DOI: <https://doi.org/10.1051/ocl/2023013>

QUALITY-FOOD-SAFETY

Experimental determination of pesticide processing factor during extraction of maize germ oil

Patrick Carré, Florence Lacoste, Jean-Noël Arnaud, Loïc Leitner et Julie Roiz

OCL, 30 (2023) 21

DOI: <https://doi.org/10.1051/ocl/2023021>

NUTRITION – HEALTH

DHA (omega-3 fatty acid) and estradiol: key roles in regional cerebral glucose uptake

Didier Majou et Anne-Lise Dermenghem

OCL, 30 (2023) 22

DOI: <https://doi.org/10.1051/ocl/2023023>

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NEWS

Contribution of Chevreur to lipid chemistry

Claude Leray

OCL, 30 (2023) 9

DOI: <https://doi.org/10.1051/ocl/2023006>

F₄-neuroprostanes and F₂-dihomo-isoprostanes: biomarkers and bioactive oxylipins

Thierry Durand, Valérie Bultel-Poncé, Alexandre Guy, Valérie Gros, Guillaume Reversat, Claire Vigor, Jean-Marie Galano et Camille Oger
OCL, 30 (2023) 10
DOI: <https://doi.org/10.1051/ocl/2023008>

TOPICAL ISSUE: OIL PALM AND PALM OIL

Oil palm plantation systems are at a crossroads

Alain Rival et Diana Chalil
OCL, 30 (2023) 28
DOI: <https://doi.org/10.1051/ocl/2023029>

Geospatial assessment of potential land suitability for oil palm (*Elaeis guineensis* Jacq) cultivation in the western parts of Ethiopia

Mengistu Muleta Gurmessa, Mitiku Badasa Moisa, Lelisa Hordofa Boru, Kiros Tsegay Deribew, Zenebe Reta Roba, Gadisa Geremew Negasa, Firdisa Sadeta Tiye et Dessalegn Obsi Gameda
OCL, 30 (2023) 23
DOI: <https://doi.org/10.1051/ocl/2023024>

Labor productivity assessment of three different mechanized harvest systems in Colombian oil palm crops

Mauricio Mosquera-Montoya, Daniel Eduardo Munévar Martínez, Elizabeth Ruíz Álvarez, Carlos Andrés Fontanilla-Díaz, Óscar Hernán Salamanca et José María Obregón Esguerra
OCL, 30 (2023) 15
DOI: <https://doi.org/10.1051/ocl/2023014>

TOPICAL ISSUE: BIOACTIVE LIPIDS AND LIPID DROPLETS: GREEN RESSOURCES FOR FOOD AND HEALTH

Oil body extraction from oleo-proteaginous seeds and conservation of valuable native compounds

Jean-François Fabre, Eric Lacroux, Muriel Cerny, Guadalupe Vaca-Medina, Audrey Cassen, Othmane Merah, Romain Valentin et Zéphirou Mouloungui
OCL, 30 (2023) 26
DOI: <https://doi.org/10.1051/ocl/2023026>

Soybean oleosome-based oleogels via polymer-bridging based structuring. Mechanical properties at large deformations

Juan Carlos Zambrano Solorzano et Thomas A. Vilgis
OCL, 30 (2023) 6
DOI: <https://doi.org/10.1051/ocl/2023004>

TOPICAL ISSUE: NON-FOOD USES OF OIL- AND PROTEIN- CROPS

Bio-based materials from sunflower co-products, a way to generate economical value with low environmental footprint

Philippe Evon, Landry Jégat, Laurent Labonne, Thierry Véronèse, Stéphane Ballas, Lucas Tricoulet, Jing Li et Danny Geelen
OCL, 30 (2023) 25
DOI: <https://doi.org/10.1051/ocl/2023028>

TOPICAL ISSUE: HOW OIL- AND PROTEIN-CROPS CAN HELP FIGHT AGAINST CLIMATE CHANGE?

Hemp seed's (*Cannabis Sativa L*) nutritional potential for the development of snack functional foods

Joaquín Presa-Lombardi, Florencia García, Maria Belen Gutierrez-Barrutia et Sonia Cozzano
OCL, 30 (2023) 24
DOI: <https://doi.org/10.1051/ocl/2023025>

Differential effects of rapeseed, sunflower and linseed oils on rumen microbial functions in dual effluent fermenters on maize silage-based diet

Laurent-Philippe Broudiscou, Alain Quinsac, Valérie Berthelot, Patrick Carré, Sylvie Dauguet et Corinne Peyronnet
OCL, 30 (2023) 5
DOI: <https://doi.org/10.1051/ocl/2023003>

TOPICAL ISSUE: MINOR OILS FROM ATYPICAL PLANT SOURCES

Effect of extraction process on quality of oil from *Asphodelus tenuifolius* seeds

Fatima Ezzahra Eddaoudi, Hamza El Moudden, Chakir El Guezzane, Mohammed Saber, Hicham Harhar et Mohamed Tabyaoui
OCL, 30 (2023) 20
DOI: <https://doi.org/10.1051/ocl/2023020>

Evaluation of the sensory properties, volatile aroma compounds and functional food potentials of cold-press produced mahaleb (*Prunus mahaleb L.*) seed oil

Emin Yilmaz et Burak Karatas
OCL, 30 (2023) 19
DOI: <https://doi.org/10.1051/ocl/2023018>

Evaluation of chemical composition of seed oil and oil cake of *Ailanthus excelsa* (Roxb.) and its application

Vijay Pal, Vinod Singh Gour, Paras Sharma, Aarti Choudhary, Bhagwan Narayan Rekadwad, Joginder Singh et Kanta Rani
OCL, 30 (2023) 14
DOI: <https://doi.org/10.1051/ocl/2023015>

Valorization of apricot, melon, and watermelon by-products by extracting vegetable oils from their seeds and formulating margarine

Fatiha Brahmi, Boualem Chennit, Houria Batrouni, Kenza Benallaoua, Khodir Madani et Lila Boulekbache-Makhlouf

OCL, 30 (2023) 11

DOI: <https://doi.org/10.1051/ocl/2023009>

TOPICAL ISSUE: RAPESEED

Genetic relationship and diversity among some Moroccan and introduced rapeseed (*Brassica napus* L.) varieties as revealed by molecular markers

Karim Houmanat, Abdelghani Nabloussi, Yousra Rhazlaoui, Hakima Bahri, Mohamed El Fechtali et Jamal Charafi

OCL, 30 (2023) 18

DOI: <https://doi.org/10.1051/ocl/2023019>

TOPICAL ISSUE: SUNFLOWER

Progresses of the international community to understand sunflower–pollinator interactions through multiscale approaches

Olivier Catrice, Srinidhi Holalu, Sreten Terzić, Marco Todesco, Nicole Creux et Nicolas B. Langlade

OCL, 30 (2023) 17

DOI: <https://doi.org/10.1051/ocl/2023012>

TOPICAL ISSUE: SOYBEAN

Introduction to the Soybean Topical Issue and the upcoming World Soybean Research Conference 11

Johann Vollmann

OCL, 30 (2023) 8

DOI: <https://doi.org/10.1051/ocl/2023007>

Assessment of the impact of a decrease in crude protein content in monogastric feed on oilseeds meals and legumes, prospective approach

Thomas Guilbaud, Nicolas Martin, William Lambert, Josselin Le Cour Grandmaison, Emmanuelle

Bourgeat

OCL, 30 (2023) 7

DOI: <https://doi.org/10.1051/ocl/2023005>

TOPICAL ISSUE: INNOVATIVE CROPPING SYSTEMS

Opportunities and risks of double cropping in southwestern France with a focus on soybean and sunflower crops

Julie Pitchers, Nicolas Ferrand, Manon Pull, Sébastien Minette, Mathieu Abella et Philippe Debaeke

OCL, 30 (2023) 16

DOI: <https://doi.org/10.1051/ocl/2023016>

TOPICAL ISSUE: LIPIDS FROM AQUATIC ENVIRONMENTS

Extraction of astaxanthin from fermented *Acetes* using virgin coconut oil with the glass beads vortex method

Dwi Fitriani, Winda Rahmalia, Puji Ardiningsih, Thamrin Usman, Siti Nani Nurbaeti et Dwi Imam Prayitno

OCL, 30 (2023) 4

DOI: <https://doi.org/10.1051/ocl/2023002>

Modification ω -6/ ω -3 ratio and increase of the shelf life of anchovy oil (*Engraulis ringens*) with addition of olive oil (*Olea europaea*)

Fiorella Alonso, Alexander Chuqui, Gilbert Rodríguez, Elza Aguirre, Eudes Villanueva et Alyssa Hidalgo

OCL, 30 (2023) 1

DOI: <https://doi.org/10.1051/ocl/2022034>

TOPICAL ISSUE: CREATING NEW OIL & PROTEIN CROP VALUE CHAINS

Response of oil producing camelina (*Camelina sativa* L.) crop to different agroecology and rate of NP fertilization

Mekiso Yohannes Sido, Mulatu Chernet, Wondimu Ayele, Tamirat Sinore et Bereket Tagesse

OCL, 30 (2023) 3

DOI: <https://doi.org/10.1051/ocl/2023001>