

IECHo 2022 **Non-conventional Approaches to Maintain Postharvest Quality** **MDPI WEBINARS**

26 APRIL 2022, 4:00PM (CEST)

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SPEAKER
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horticulturae **MDPI**

IECHo 2022I Non-conventional approaches to maintain postharvest quality

26/04/2022 16:00

quality, Storage, Perishable, Fresh, Processed produce, Crop, Technology

Our world is facing significant challenges as a result of the growing population and climate changes, due to global warming, that directly affect our food production systems. The current situation, where postharvest losses in fresh produce is estimated to be 5% to 25% in developed countries and 25% to 50% in developing countries, poses a significant economic, social, and ecological burden on humanity that prompts an urge to improve the current practices and develop new means to reduce these losses.

Fresh fruits and vegetables have always made an important contribution to the human diet, but their full nutritional importance has only been explored and recognized recently as a result of the rising public awareness of food quality and safety. In recent years, there has been a growing awareness of the intrinsic factors of nutritional and functional attributes related to phytochemical content of fresh produce that directly or indirectly affect consumers' health. This has led to a marked change in the definition of fresh produce "Quality", and created new challenges to the field.

The changes in the agro-environment, along with the growing public awareness of the intrinsic factors of nutritional and functional attributes of the fresh produce, call for rethinking the way we handle our fresh produce. Therefore, this webinar will focus on identifying the new challenges in postharvest performance of fruits & vegetables alongside the innovations in postharvest technological that introduce opportunities to the field.

Registration

This is a FREE webinar. The number of participants to the live session is limited but the recording will be made available on Sciforum shortly afterwards. Registrations with academic institutional email addresses will be prioritized.

Registrations

Link

https://us06web.zoom.us/webinar/register/3916449152535/WN_NID-cmuOQQewoDM1uEMhg



IECHo 2022I Trends for future horticulture

27/04/2022 16:00

Nutrient and water use efficiency, Biofortification, Soilless Culture, Biostimulants

Dear colleagues, on behalf of the Conference organizing committee, I am honored and delighted to welcome you all to this webinar “Trends for future horticulture”. My thanks go to the organizers who have given me the privilege of chairing this event, having recently taken on the role of Editor in Chief of Horticulturae

I would also like to thank all the participants who will be discussing of the art of the cultivation of flowers, fruits, vegetables, or ornamental plants which is horticulture.

Horticulture is, indeed, an interesting, varied and colorful sub-division of agriculture that supplies food from the beginning of civilization; nowadays, it is increasingly being asked to provide food of higher quality, and with better and better nutritional and nutraceutical properties from plants that are resistant to disease and environmental stresses while respecting the environment and using fewer and fewer resources.

The present webinar covers a wide spectrum of themes related to these new trends of horticulture starting with talks from top horticulture scientist.

Registrations LINK:

https://us02web.zoom.us/webinar/register/3416467386598/WN_zzRRpJ9uR665sQLG7GOGaAht
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