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HortDialogues



ISHS talks on VERTICAL FARMING

A series by Francesco Orsini, Leo F.M. Marcelis and Murat Kacira



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA



WAGENINGEN
UNIVERSITY & RESEARCH



Experts will address key questions on vertical farming in 15 minutes



Michael Martin

Senior Researcher

IVL - Swedish Environmental Research Institute, Sweden



June, 1st

*Are vertical farms
sustainable for the
environment?*



Eri Hayashi

Vice-President,
Japan Plant Factory Association, Japan



June, 15th

*What are the critical choices
and decisions towards next
generation plant factory?*



Erik Runkle

Professor,
Department of Horticulture,
Michigan State University, USA



MICHIGAN STATE UNIVERSITY

July, 1st

*Do we need green light in
a vertical farm?*



Chieri Kubota

Professor,

Department of Horticulture and Crop Science,
Ohio State University, USA



July, 15th

*Can we control intumescence
injury in tomatoes grown
under LED light?*



Laura Cammarisano

Scientist

Leibniz-Institut für Gemüse- und Zierpflanzenbau (IGZ) e.V.
Großbeeren, Germany



August, 1st

What is the role of light spectrum on lettuce leaf pigmentation?



Giuseppina Pennisi

Researcher

Alma Mater Studiorum University of Bologna

Bologna, Italy



August, 15th

*Can we improve resources
use efficiency through
optimised lighting?*



Ji Yongran

Researcher

Wageningen University and Research

Wageningen, The Netherlands

September, 1st

What is the role of far-red light on fruit crops?



Maria Bustamante

Researcher

Stockholm School of Economics

Stockholm, Sweden



September, 15th

Is there a market for vertical farming products?



Christine Zimmermann-Lössl

Chair

Association for Vertical Farming e.V.

Munich, Germany

October, 1th

Will our food supply chain be transformed by vertical farming?



Kellie J. Walters

Assistant Professor
University of Tennessee
Knoxville, Tennessee, USA



October, 15th

How important is light intensity during lettuce propagation?

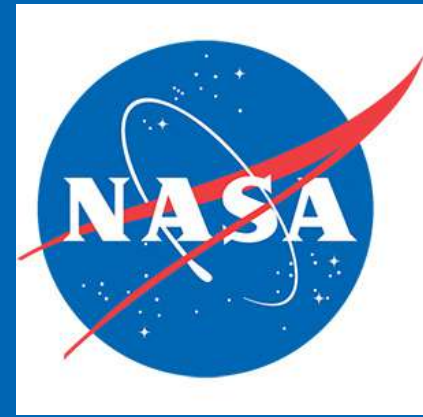


Gioia Massa

Project Scientist

Space Life Sciences at NASA Kennedy Space Center

Cape Canaveral, Florida, USA



November, 1th

What are needed innovations for space crop production that may also benefit vertical farming?