AI FOR SUSTAINABLE AGRICULTURE

12 NOVEMBER 2021
YVERDON-LES-BAINS, SWITZERLAND & ONLINE

Organized by the HEIG-VD/HES-SO and Alliance of Bioversity International and CIAT, with the support of the CLAIRE Research Network

This conference has the aim of presenting state-of-the-art technologies and research projects in the domain of AI for sustainable agriculture, as well as serving as a platform for networking. Whether you are a researcher/engineer interested in the domain of AI and agriculture, or a member of an international organization or NGO, or an employee of an industry of the food and agriculture sector, this conference is for you. Join us to pave the way of a more sustainable world!

https://ai4agri.heig-vd.ch

HES-SO students & guests	Free
Conference attendee (in-person or online) & Academic exhibitor	50,00 CHF
Non-academic exhibitor	120,00 CHF

Program

9:00 - Welcome

9:15 - Towards High Carbon Stock Maps at global scale (Jan Dirk Wegner, ETHZ)

9:50 - Coffee Vision: promoting zero-deforestation (Louis Reymondin, CIAT/Vietnam)

10:25- Coffee break + exhibition/poster session

10:50 - Coffee Vision: AI tools for zero-deforestation verification (Andres Perez-Uribe & Hector Satizabal, HEIG-VD)

11:25 - Picterra - An online AI-powered platform to achieve sustainability goals (Julien Rebetez, Picterra S.A.)

12:00 - Lunch time + exhibition/poster session

13:30 - Low pesticide plant care using AI and precise spraying (Steve Tanner, ecoRobotix S.A.)

14:05 - Plant electrophysiology analysis and modeling for precision agriculture (Laura Raileanu & Elena Najdenovska, HEIG-VD)

14:40 - The business case for sustainable espresso (George Scott, UN Environment Program)

15:15 - Coffee break + exhibition/poster session

15:40 - Workshop discussions

16:15 - Lessons learned (Ricardo Chavarriaga, CLAIRE + ALL)

17:00 - Concluding remarks

CLAIRE Confederation of Laboratories for Artificial Intelligence Research in Europe

Alliance

Bioversity International

CIAT International Center for Tropical Agriculture Since 1967 Science to cultivate change

HEIG VD