



JANUARY 22nd, 2019

MAIN BUILDING

Piazza Martiri delle Libertà, 33

AULA MAGNA

With the contribution of the PhD programs in Agrobiodiversity, Agrobiosciences, Economics and the Master Program in Molecular Biotechnology

TRANSDISCIPLINARY APPROACHES FOR SUSTAINABLE INTENSIFICATION OF RURAL AREAS. A SPOTLIGHT ON ETHIOPIA

PROGRAMME

Morning

- H9:30** Greetings from the Deans of the Experimental and Social Sciences Academic Classes
Greetings from the Directors of the Institute of Economics and Life Sciences
- H9:50** **TOWARDS RESILIENT AGRICULTURE IN MARGINAL AREAS**
(First session)
Chairman: Dr. Ermias A. Desta (ARARI)
Smallholder farming in Ethiopia: challenges and opportunities
- H10:05** **Keynote:** Prof. Roberto Buizza (SSSA)
Weather and climate information for agriculture's applications
- H10:35** **HintTalk:** Prof. Francesco Strazzari and Mattia Grandi (SSSA)
Agrarian transformations in the developmental state: institutional change and evolving state – society relations
- H10:55** **Keynote:** Dr. Girma Tesfahun Kassie (ICARDA)
Wheat trait preferences of farmers in Ethiopia: Is it really all about yield?

H11:30 Coffee **break**

H12:00 **TOWARDS RESILIENT AGRICULTURE IN MARGINAL AREAS**
(Second session)

Chairman: Dr. Ermias A. Desta (ARARI)

Keynote: Prof. Andrea Taramelli (IUSS)

From research to applications in agriculture by using satellite remote sensing

H12:30 **Keynote:** Prof. Solomon Dawit (CCAFS)

Bridging scales from landscape, to micro and nano level research for understanding natural and anthropogenic influences in terrestrial carbon sequestration

H13:00 **Keynote:** Dr. Ermias Betemariam (ICRAF)

Integrated approaches to restore degraded multifunctional landscapes in Ethiopia

H13:30 **LUNCH**

Afternoon

H14:30 **CLIMATE SMART SOLUTIONS FOR SUSTAINABLE AGRICULTURE**
(First session)

Chairman: Dr. Carlo Fadda (Bioversity International Ethiopia)

Keynote: Tegbaru Bellete (ATA)

The EthioSIS Project: A Digital Soil Fertility Mapping for Informed Fertilizer Advisory Service in Ethiopia

H15:00 **HintTalk:** Giorgio Ragolini (SSSA)

Adaptation strategies towards resilient mixed farming systems in marginal agricultural areas

H15:20 **HintTalk:** Prof. Marcello Mele (University of Pisa)

Sustainable livestock production in a changing climate: the role of agroforestry Systems

H15:45 Coffee **break**

H16:15 **CLIMATE SMART SOLUTIONS FOR SUSTAINABLE AGRICULTURE**
(Second session)

Chairman: Dr. Carlo Fadda (Bioversity International Ethiopia)

HintTalk: Meron Tadesse, Gebermedihin Ambaw and Sintayehu Alemayehu (CCAFS)
Climate Smart landscapes for socio-ecological resilience and adaptation

H16:35 **Keynote:** Prof. Andrea Roventini and Francesco Lamperti (SSSA)
Faraway, so close: coupled climate and economic dynamics in an agent-based integrated assessment model

H17:05 **Keynote:** Prof. Roberto Confalonieri (University of Milano)
Crop modelling to define strategies to alleviate negative effects of climate change

H17:35 **HintTalk:** Prof. Mario Enrico Pè (SSSA)
Integrating genomics and smallholder farmer knowledge: a participatory approach to wheat breeding in Ethiopia

H18:00 **Final Greetings** and end of the workshop

For info and registration: a.mantino@santannapisa.it, m.occelli@santannapisa.it