

# Ernesto Illy Colloquia

## Sustainability challenges in coffee-growing worldwide

International Centre for Theoretical Physics (ICTP), Trieste, Italy

Budinich Lecture Hall

27–29 September 2022

Live streaming

27 September - Sustainability Challenges		
8.30	Registration (30 min.)	
	Master of Ceremony <b>Raffaella De Lia</b> – Public Information Officer, UNESCO-TWAS	
9.00	Opening Ceremony (35–40 min.)	<b>Anna Illy</b> – President, Ernesto Illy Foundation <b>Romain Murenzi</b> – TWAS Executive Director <b>Alessia Rosolen</b> – Regional Councilor for Employment, Education and Training, Research, University and Family Affairs, Friuli Venezia Giulia Region <b>Serena Tonel</b> – Deputy Mayor, Municipality of Trieste <b>Atish Dabholkar</b> – ICTP Director
9.40	Presentation of the Ernesto Illy Colloquia (10 min.)	<b>Furio Suggi Liverani</b> – Chief Scientific Officer, illycaffè, and Director, Ernesto Illy Foundation
9.50	Keynote speech (TBC) (30 min. + 10 min. Q&A)	<b>Zitouni Ould-Dada</b> – Deputy Director, Food and Agricultural Organization of the United Nations
10.30	Photo op	
	Moderator of sessions <b>Luciano Navarini</b> – Head of Research and Scientific Coordination, illycaffè	
10.40	Climate Change and its Effects on Agriculture (30 min. + 10–15 min. Q&A)	<b>Erika Coppola</b> - Earth System Physics section, ICTP
11.25	Coffee break (15 min.)	
11.40	Sustainability Challenges in Agriculture and Coffee-growing (Drawbacks of intensive agriculture) (30 min. + 10–15 min. Q&A)	<b>Benoît Bertrand</b> – Research Director, Centre de coopération internationale en recherche agronomique pour le développement (CIRAD), France
12.15	Coffee pathogens and Climate Change (30 minutes + 10-15 min. Q&A)	<b>Maria do Céu Machado Lavado da Silva</b> – Instituto Superior de Agronomia, University of Lisbon, Portugal
13.00	Lunch (75 min.)	
	Moderator of sessions <b>Max Paoli</b> – Programme Coordinator, UNESCO-TWAS	
14.15	Economic and Social Challenges (30 min. + 10–15 min. Q&A)	<b>Christoph Saenger</b> – European Bank for Reconstruction and Development (EBRD)
15.00	Coffee break (15 min.)	
15.15	Break-out groups on Sustainability Challenges (90 min.)	Led by the speakers of the day
18.30	Dinner at the Adriatico Building	

<b>28 September - State-of-the-Art and Actual Solutions</b>		
Moderator of round table <b>Furio Suggi Liverani</b> – Chief Scientific Officer, illycaffè, and Director, Ernesto Illy Foundation		
9.15	Round Table: EU Projects and International Initiatives (45 min.)	<b>Benoît Bertrand</b> – Research Director, CIRAD, France <b>Jennifer "Vern" Long</b> – CEO, World Coffee Research <b>Giacomo Celi</b> – Sustainability Director, MERCON Coffee Group
10.00	Q&A session (15 min.)	
Moderator of sessions <b>Christoph Saenger</b> – European Bank for Reconstruction and Development (EBRD)		
10.15	Biodiversity Breeding and Genetics (45 min. including Q&A)	<b>Michele Morgante</b> – Scientific Director, Istituto di Genomica Applicata, Udine, Italy
11.00	Coffee break (30 min.)	
11.30	The Rhizosphere Microbiome of Coffee and Potential Development of a Biofertilizer (30 min. + 10–15 min. Q&A)	<b>Vittorio Venturi</b> – Group Leader of the Bacteriology Group of the International Centre for Genetic Engineering and Biotechnology (ICGEB), Trieste, Italy (remotely)
12.15	Coffee Production Towards 2030 and 2050: Speeding up Technology and Scaling up Technical assistance (30 min. + 10–15 min. Q&A)	<b>Giacomo Celi</b> – Sustainability Director, MERCON Coffee Group
13.00	Lunch (60 min.)	

Moderator of sessions <b>Payal Patel</b> – Associate Programme Officer, UNESCO-TWAS		
14.00	<b>New Trends in Coffee-Breeding</b> (30 min. + 10–15 min. Q&A)	<b>Benoît Bertrand</b> – Research Director, CIRAD, France
14.45	The Socioeconomy of Agroforestry (30 min. + 10–15 min. Q&A)	<b>Aske Bosselmann</b> – Associate Professor, University of Copenhagen, Denmark
15.30	Coffee break (15 min.)	
15.45	Break-out groups on State of the Art and Actual Solutions (90 min.)	Led by the speakers of the day

<b>29 September - Future/Regenerative Agriculture</b>		
Moderator of break-out groups' presentations <b>Max Paoli</b> – Programme Coordinator, UNESCO-TWAS		
8.30	Break-out groups (75 min.)	Preparation of the presentations
09.45	Coffee break (15 min.)	
10.00	Presentations by break-out groups (120 min.)	Presentations by Rapporteurs of break-out groups
12.00	Lunch (60 min.)	

Moderator of the sessions <b>Cristina Serra</b> – Staff Writer, UNESCO-TWAS		
13.00	Regenerative Agriculture: New Paradigm for the Future (30 min + 10 min. Q&A)	<b>Andrea Illy</b> – Chair, illycaffè, Trieste, Italy
13:40	Soil Health and Sustainability (30 min + 10 min. Q&A)	<b>Rattan Lal</b> – TWAS Fellow, Soil Scientist and Director of Carbon Management and Sequestration Center at Ohio State University, United States (remotely)
14:20	Regenerative Transition (20 min. + 10 min. Q&A)	<b>Jeffrey D. Sachs</b> – Sustainability expert and Director of the Center for Sustainable Development, Columbia University, United States (remotely)
14.50	Round table to summarize main conclusions of the Colloquia - Planting the seeds of the future (60 min. + 15 min. Q&A)	All attending speakers
16:10	End of Colloquia	