



*30 AUGUST - 2 SEPTEMBER 2022*

# Plant Metals Conference and MC Meeting

*Trace metal metabolism in plants*

*COST Action CA 19116*

*ANKARA , TURKEY*



## At a glance

Dear participants,

The COST Action 19116 (Trace metal metabolism in plants – PLANTMETALS) tackles trace metal deficiency or excess in plants from a wide perspective of disciplines including levels in plant physiology, (bio)physics, (bio)(geo)chemistry, molecular genetics, ecology, agronomy and soil science. The action aims to translate knowledge to the needs of farmers and consumers, with inputs from companies.

We would like to invite you all to join the **Plant Metals Conference and MC Meeting** of the COST Action CA 19116 on **30<sup>th</sup> August – 2<sup>nd</sup> September, 2022** at Middle East Technical University (METU), Department of Biology in Ankara, Turkey.

Main topics of the conference include

1. Trace metal transport
2. Trace metal metabolism
3. Metalloproteins
4. Trace metal deficiency and plant responses
5. Trace metal toxicity and plant responses
6. Plant-soil-microbiota interactions in trace metal uptake
7. Trace metal agronomy
8. Fertilizer development

A scientific committee will evaluate submitted abstracts and selected abstracts will be eligible for oral or poster presentations. Upon presenters' agreement, the presentations will be recorded and shared online in social media. Participants may submit a full-text of their presentations for publication in congress proceedings book, which will be published online in the first week of October 2022.

Seçkin Eroğlu & Emre Aksoy

Organizers

Hendrik Küpper

COST Action Chair

### **Important dates**

Registration begins	20 March 2022
Abstract submission ends	01 July 2022
Announcement of accepted presentations	20 July 2022
Final program is published	20 August 2022
Congress Proceedings Book is published	First week of October 2022

Tentative Program

<b>30<sup>th</sup> August, 2022 (Tuesday)</b>	
15:00 – 17:30	Registration
18:30 – 23:00	Welcome Dinner

<b>31<sup>st</sup> August, 2022 (Wednesday)</b>	
09:00 – 09:40	Opening ceremony (Speakers: Organizers, COST Action chair, University representative)
09:40 – 10:30	Frontiers lecture 1
10:30 – 11:00	Break
11:00 – 12:10	Session 1
11:00 – 11:10	Introduction by the session chair
11:10 – 11:25	Oral presentation 1
11:25 – 11:40	Oral presentation 2
11:40 – 11:55	Oral presentation 3
11:55 – 12:10	Oral presentation 4
12:10 – 13:45	Group photo & Lunch
13:45 – 14:55	Session 2
13:45 – 13:55	Introduction by the session chair
13:55 – 14:10	Oral presentation 1
14:10 – 14:25	Oral presentation 2
14:25 – 14:40	Oral presentation 3
14:40 – 14:55	Oral presentation 4
14:55 – 15:20	Break
15:20 – 16:30	Session 3
15:20 – 15:30	Introduction by the session chair
15:30 – 15:45	Oral presentation 1
15:45 – 16:00	Oral presentation 2
16:00 – 16:15	Oral presentation 3
16:15 – 16:30	Oral presentation 4
16:30 – 16:55	Break
16:55 – 18:05	Session 4
16:55 – 17:05	Introduction by the session chair
17:05 – 17:20	Oral presentation 1
17:20 – 17:35	Oral presentation 2
17:35 – 17:50	Oral presentation 3
17:50 – 18:05	Oral presentation 4
Free evening	

<b>1<sup>st</sup> September, 2022 (Thursday)</b>	
09:00 – 09:50	Frontiers lecture 2
09:50 – 12:00	Poster session & group discussions with refreshments
12:00 – 13:30	Lunch
13:30 – 14:40	Session 5
13:30 – 13:40	Introduction by the session chair
13:40 – 13:55	Oral presentation 1
13:55 – 14:10	Oral presentation 2
14:10 – 14:25	Oral presentation 3
14:25 – 14:40	Oral presentation 4

14:40 – 14:50	Break
14:50 – 16:20	MC meeting Report of activities by the leaders of the Action: chair / STSM coordinator, vice chair / ITC conference grant coordinator, science communications officer, WG leaders incl. deputies
16:20 – 16:50	Break
16:50 – 18:20	MC meeting Discussion and decision of goals and budget of the third grant period
19:00 – 22:00	Gala dinner

<b>2<sup>nd</sup> September, 2022 (Friday)</b>	
09:00 – 09:30	WG1 – Metal transport: Activity planning
09:30 – 10:00	WG2 – Metalloproteins: Activity planning
10:00 – 10:30	WG3 – Environment: Activity planning
10:30 – 11:00	Break
11:00 – 11:30	WG4 – Agronomy: Activity planning
11:30 – 12:00	WG5 – Dissemination: Activity planning
12:00 – 12:30	WG6 – IPP: Activity planning
12:30 – 13:00	Concluding remarks, farewell