

# Contents

Contents .....	1
Conference Organization.....	2
Conference Agenda.....	5
1. Registration of participants.....	7
2. Opening Ceremony.....	7
3. Plenary Session.....	7
4. Closing Ceremony .....	12
Conference Guidelines .....	14

# Conference Organization

## **Organizers:**

University of Carthage (UCAR)

National Agronomic Institute of Tunisia (INAT)

International Scientific Centre of Fertilizers (CIEC)

Chinese Academy of Sciences (CAS)

## **Host Organizers:**

University of Carthage (UCAR)

National Agronomic Institute of Tunisia (INAT)

## **Co-organizer:**

National Research Institute of Rural Engineering, Water and Forests (INRGREF)

## **Sponsors:**

Nutrichem Group

## **Local Organizing Committee**

Nadia Mzoughi Aguir (President, UCAR, Tunisia)

Mongi Besbes (Vice President, UCAR, Tunisia)

Afef Abdelkrim (Vice President, UCAR, Tunisia)

Mohamed Gargouri (PMO, UCAR, Tunisia)

Marwa Zouari (Post-Doc Univ, PMO, UCAR, Tunisia)

Taher Jalouli (Head of international Cooperation, UCAR, Tunisia)

Hajer Ferchichi (Head of Service in charge of the International Cooperation, UCAR, Tunisia)

Samir Ghodhbani (Financial Agent, UCAR, Tunisia)

Kais Laamar (IT, UCAR, Tunisia)

Ines Hmissi (IT, UCAR, Tunisia)

Ghazi Krida (Director General, INAT, Tunisia)

Amira Mougou (Director of Studies, INAT, Tunisia)

Mehdi Ben Mimoun (Professor, INAT, Tunisia)

Mostfa Sanaa (Professor, INAT, Tunisia)

Sawsen Ayadi (Professor, INAT, Tunisia)

Mohammed Tahar Elaieb (Director General, UCAR, Tunisia)

Mohamed Hachicha (Head of the Laboratory of Non-Conventional Water, INRGREF)

Marwa Haddad (ISSTE, UCAR)

Samir Tlahig (IRA, Mednine, Tunisia)

Rajae Dakhli (Head of Research and Development, Nutrichem International, Tunis)

Syrine Douik (Consultant, UCAR, Tunisia)

Ibtihel Saidi (Consultant, UCAR, Tunisia)

Kawthar Jlassi (Consultant, UCAR, Tunisia)

## **CIEC Presidium**

Lanzhu Ji (President, P.R. China)

Xiaoyu Shi (Deputy President, P.R. China)

Lili Zhang (Deputy President, P.R. China)

Cristian Hera (Honorary President, Romania)

Ewald Schnug (Honorary President, Germany)

Jetro Nkengafac (Vice President, Cameroon)

Linchun Wang (Vice President, P.R. China)

Yanfen Wang (Vice President, P.R. China)

Xiaomi Xie (Vice President, P.R. China)

Farideh Yarahmadi (Vice President, Iran)

Marwa Zouari (Vice President, Tunisia)

Yuanliang Shi (Liason Officer Fertilizer Industry, P.R. China)

Liankai Zhang (Liason Officer Environment, P.R. China)

Silvia Haneklaus (Secretary General, Germany)

Jie Li (Deputy Secretary General, P.R. China)

Zhen Li (Deputy Secretary General, P.R. China)

## Conference Agenda

Date	Time	Location	Activities
October 20	14:30 ~17:30	National Agronomic Institute of Tunisia	Welcome and registration of the CIEC Presidium and tour at INAT
October 21	8:00 ~ 8:30	The INAT Auditorium	Registration of participants
	8:30 ~ 9:10	The INAT Auditorium	Opening Ceremony
	9:10 ~ 9:20	The entrance of INAT	Group Photo
	9:20 ~ 11:00	The INAT Auditorium	Plenary Presentation
	11:00 ~ 11:15	The INAT Auditorium	Coffee Break
	11:15 ~ 13:10	The INAT Auditorium	Plenary Presentation
	13:10 ~ 14:30	Restaurant (near to the INAT institute)	Lunch for Organizing Committee and CIEC Presidium
	14:30 ~ 15:45	The INAT Auditorium	Plenary Presentation
	16:30~ 15:45	The INAT Auditorium	Coffee break
	15:45~ 16:50	The INAT Auditorium	Plenary Presentation
October 22	08:30 ~ 10:20	The INAT Auditorium	Plenary Presentation
	10:20 ~ 11:45	The INAT Auditorium	Coffee Break

	11:45 ~ 12:55	The INAT Auditorium	Plenary Presentation
	12:55~14:00	Restaurant (near to the INAT institute)	Lunch for Organizing Committee and CIEC Presidium
	14:00~18:00	Sidi Bou Saïd	Guided Tour of Nezma El Zahra Palace and tour in Sidi Bou Saïd
	18:00~22:00	Restaurant L'Emdina	Gala dinner for local Organizing Committee and CIEC Presidium
October 23	8:00~17:00	Projet Tabaroura, Sfax	Scientific Excursion, Sfax, for CIEC Presidium
October 24	8:00~17:00	Chemical Group of Sfax, Skhira	Scientific Excursion, Sfax, for CIEC Presidium

## 1. Registration of participants

**Time:** 8:00 ~8:30, October 21, 2025

**Location:** The INAT Auditorium

## 2. Opening Ceremony

**Chair:** Marwa Zouari (Vice president of (CIEC))

**Location:** The INAT Auditorium

Time	Activities
8:30 ~9:20	<ul style="list-style-type: none"> <li>○ Welcome address by Mongi Besbes (Vise President of UCAR)</li> <li>○ Welcome address by Ghazi Krida (Director General of INAT)</li> <li>○ Welcome address by Mohamed Elaieb (Director General of INRGREF)</li> <li>○ Welcome address by Silvia Haneklaus (Secretary General of CIEC)</li> <li>○ Welcome address by Ji lanzhu (President of CIEC)</li> <li>➤ Group Photo of CIEC Participants (The entrance of INAT)</li> </ul>

## 3. Plenary Session

**Requirements:** 20 minutes for Talk and 5 minutes for questions

**Thematic Area:** Innovation in Fertilizers and Waste Valorization

**Time:** 9:20 ~ 11:00, October 21, 2025

**Location:** The INAT Auditorium

**Chairs:** Mohamed Hachicha (INRGREF, Tunisia) and Roland Bol (Institute of Bio- & Geosciences, Forschungszentrum, Jülich, Germany)

Time	Title	Speaker	Institution
9:20~9:45	War and Fertilizers	Ewald Schnug	Technical University Braunschweig, Germany

9:45~10:10	Phosphogypsum: a solid waste or fertilizer?	Zhen Li	College of Resources and Environmental Sciences, Nanjing Agricultural University, China
10:10~10:35	Field study of the fate of labelled fertilizer nitrogen applied to wheat on calcareous Tunisian soils	Mustapha Sanaa	National Institute of Agronomy of Tunis, Tunisia

10:35~11:00	Developing micronutrients containing specialty fertilizers towards producing biofortified wheat grains in the frame of nutrition-sensitive agriculture	Dimitris Bouranis	Agricultural University of Athens, China
11:00~11:15	Coffee break		

**Thematic Area:** Fertilizer Efficiency and Sustainable Practices

**Time:** 11:15 ~ 16:50, October 21, 2025

**Location:** The INAT Auditorium

**Chairs:** Mustapha Sanaa (National Institute of Agronomy of Tunis, Tunisia), and Lili Zhang (Institute of Applied Ecology,CAS)

11:15~11:30	Importance of plant foliar analysis for a good mineral nutrition management	Mehdi Ben Mimoun	National Institute of Agronomy of Tunis, Tunisia
11:30~11:55	Optimizing efficient fertilizer use in stressed environments and options	Malcolm Hawkesford	Rothamsted Research Harpenden, United Kingdom



	for re-mote sensing		
11:55~12:20	Creation and Application of Dual-Control Inhibitors and New-Type Fertilizers	Ji Lie	Institute of Applied Ecology, CAS, China
12:20~12:45	Effect of biostimulants and stabilized fertilizer on crop physiology and yield	Lili Zhang	Institute of Applied Ecology, Chinese Academy of Sciences, China
12:45~13:10	Effect of Nitrogen Fertilization on Bemisia tabaci (Hemiptera: Aleyrodidae) Attraction to Tomato and Pepper	Sabrine Chouikhi,	Arid Lands Institute, Tunisia
13:10~14:30	Lunch		
14:30~14:55	Development and Design of Suitable and Safe Starter Fertilizer Formulations for Enhanced Field Crop Establishment	William Makaza	Université Mohammed VI Polytechnique, Morocco
14:55~15:20	Impact of Crop Precedents and Organic Fertilization on Melon (Cucumis melo L.) Production in Tunisia	Ben Ali Sihem	Arid Lands Institute, Tunisia
15:20~15:45	Sustainable Fertilizers for Productive Forage Cropping Systems: Sewage Sludge vs. Chemical Fertilizers	Rajia Kchaou Mejri	National Research Institute of Rural Engineering, Water and Forests (INRGREF), Tunisia

15:45~16:00	Coffee Break		
16:00~16:25	Tailoring Calcium Amendment Strategies for Alfalfa: Medium-Term Yield Responses to Raw, Burned, and Sulfate-Based Inputs across Contrasting Soils and Stand Types	Nour Ismail	School of Agriculture, Fertilization and Environmental Science, Maroco
16:25~16:50	Research on the decomposed microbial agent and its application in straw return to field	Shuaimin Chen	Jilin Academy of Agricultural Sciences (JAAS), China

**Thematic Area:** Resilient Agriculture and Fertigation Strategies

**Time:** 8:30 ~ 10:25, October 22, 2025

**Location:** The INAT Auditorium

**Chair:** Mehdi Ben Mimoun (National Institute of Agronomy of Tunis) and Lanzhu Ji (Institute of Applied Ecology, CAS, China)

Time	Title	Speaker	Institution
8:30~8:55	Innovation and Application of Integrated Water and Fertilizer Irrigation Technology for Maize in Semi-Arid Areas in northeast of China	Jichao Gao	Jilin Academy of Agricultural Sciences (JAAS), China
8:55~9:20	The challenge of high salinity in geothermal greenhouses of southern Tunisia: fertigation management for quality vegetable production	Karima Kouki-Khalfallah	National Institute of Agronomy of Tunis, Tunisia

9:20~9:45	The Origin, Current Status, and Prospects of the Dream Farm at the University of Chinese Academy of Sciences	Shun He	University of Chinese Academy of Sciences (UCAS), China
9:45~10:10	Research on the decomposed microbial agent and its application in straw return to field	Shuaimin Chen	Jilin Academy of Agricultural Sciences (JAAS), China
10:10~10:25	Innovation and Application of Integrated Water and Fertilizer Irrigation Technology for Maize in Semi-Arid Areas in northeast of China	Jichao Gao	Jilin Academy of Agricultural Sciences (JAAS), China
10:20~11:45	Coffe break		
<b>Time:</b> 11:45~12:55; October 22, 2025			
<b>Location:</b> The INAT Auditorium			
<b>Thematic Area:</b> Biodiversity and Low-Input Agricultural Strategies			
<b>Chair:</b> Sawsen Ayadi (National Institute of Agronomy of Tunis, Tunisia) and Malcolm Hawkesford (Rothamsted Research Harpenden, United Kingdom)			
11:45~12:10	Characterization of the Floristic Composition of Weeds in Cereal Cropping Systems in a Semi-Arid Region (Algeria)	Aliat Toufik	National Higher School of Forestry, Algeria
12:10~12:35	Intercropping in Tunisian olive groves contributes to improving soil quality and crop yield	Faiza Boussora	Institute of Arid Lands of Medenine (IRA), Medenine, Tunisia

12:35~12:55	Soil carbon accrual and crop production enhanced by sustainable subsoil management	Bol Roland	Forschungszentrum Jülich, Jülich, Germany
-------------	--	------------	---

**Time:** 10:20~10:30; Break coffe; October 22, 2025

**Location:** The INAT Auditorium

**Poster session:** 5 minutes for Talk and 5 minutes for questions

**Chair:** Mehdi Ben Mimoun (National Institute of Agronomy of Tunis, Tunisia)

10:20~10:25	Selenium Supply Improves Drought Tolerance in Sorghum	Nesrine Aissa	Laboratory of Science and Agronomic Technical -National Institute of Agronomic Research of Tunisia
10:25~10:30	Drought Stress Tolerance of Cytisus villosus for its Conservation in Tunisian Cork Oak Forests	Amel Ennajah	National Research Institute of Rural Engineering, Water and Forests, Tunisia

#### 4. Closing Ceremony

**Time:** 12:55~13:30; October 22, 2025

**Location:** The INAT Auditorium

**Chair:** Silvia Haneklaus

**Location:** The INAT Auditorium

**Activities:**

1. Lecture about CIEC52 in Kinia 2026 by Lili Zhang
2. Conference Closing Summary by Lanzhu Ji and Marwa Zouari

## Scientific Excursion, Sfax

**Time:** 8:00~17:00; October 23, 2025

**Location:** Projet Tabaroura, Sfax

**Activities:** Guided site tour

**Time:** 8:00~17:00; October 24, 2025

**Location:** Chemical Group of Sfax, Skhira

**Activities:** Guided site tour

## Conference Guidelines

- Participants should follow the directives of the conference.
- Please turn off your mobile phone or set it to silent or vibration mode in the conference rooms.
- If you wish to make an international call, please go to the hotel service desk and pay by yourself.
- Please upload your presentation slides to the computer at the registration desk or in the plenary hall at least 1 hour before the start of your session.
- Please note that presentation slides are NOT allowed to be copied without the presenter's permis

### ➤ **Contact Information**

Reception Group:

Ines Lamari: +21658390193

Academic Group:

Marwa Zouari: +21658390193

It will be cool during the conference in Tunis with temperature of 18-26°C. It is recommended to prepare long- sleeved jackets, trousers, as well as sun protection for the post conference tour.

