

People's Democratic Republic of Algeria
Ministry of Higher Education and Scientific Research
The Directorate-General for the Scientific and Technological Development (DGRSDT)
Scientific and Technical Research Centre for Arid Areas (CRSTRA), University of Batna 2 & International Organisation for Biological and Integrated Control (IOBC-WPRS)



THE SECOND INTERNATIONAL CONFERENCE ON BIOLOGICAL AND INTEGRATED CONTROL IN ALGERIA "CILBIA2"

CRSTRA-Biskra November 9th to 14th, 2025



Program of the conferences PART I

Meeting of the IOBC-WPRS Working Group on Integrated Protection of Date Palms
(IP of Date Palms)

November 09TH to 11TH, 2025

Our sponsors



First day: November 09th , 2025

08:00 - 09:00

Registration

09:00 - 09:20

Welcome speech by Director of CRSTRA

1ST SESSION

MODERATORS: HAMADTTU ABDEL FARAG EL-SHAFIE, MARIA C. BOUKOUVALA, SHERIF EL-SHARABASY, WAQAS WAKIL

Time	Code	Title	SPEAKER
09:20 – 09:30	-	IOBC-WPRS Working Group on Integrated Protection of Date Palms	WAQAS WAKIL
09:30 - 09:45	SPT-054	SUSTAINABLE APPROACHES FOR THE MANAGEMENT OF RHYNCHOPHORUS FERRUGINEUS	MARIA C. BOUKOUVALA
09:45 - 10:00	SPT-043	ENDOGENOUS HORMONAL PROFILE AND EXOGENOUS REGULATION AS DETERMINANTS OF DIRECT REGENERATION PATHWAYS IN DATE PALM (PHOENIX DACTYLIFERA L.) CV. SIWI	MAIADA M ELDAWAYATI
10:00 - 10:15	SPT-045	THE CENTRAL LABORATORY FOR DATE PALM RESEARCHES AND DEVELOPMENT, ARC, GIZA, EGYPT	SHERIF EL SHARABASY
10:15 - 10:30	DISCUSSION		
10:30 - 11:00	COFFEE BREAK		
11:00 - 11:15	SPT-038	TERPENES AS BIOPESTICIDES TO CONTROL PESTS ON DATE PALM (PHOENIX DACTYLIFERA L.)	KHALED IBN ELWALEED MAHMOUD
11:15 - 11:30	SPT-041	USING ARTIFICIAL INTELLIGENCE IN THE MANAGEMENT OF DATE PALM FUNGAL DISEASE IN EGYPT	FATMA A MOSTAFA
11:30 - 11:45	DISCUSSION		
11:45 - 13:00	LUNCH TIME		

2ND SESSION

MODERATORS: BERNHARD LÖHR, ABDUL REHMAN ALDAWOOD, MOHAMMED KEBDANI, FATMA A MOSTAFA

13:00-13:15	SPT-053	VIRULENCE, OVICIDAL ACTIVITY, AND HORIZONTAL TRANSMISSION OF ENTOMOPATHOGENIC FUNGAL ISOLATES AGAINST RHYNCHOPHORUS FERRUGINEUS	NICKOLAS KAVALLIERATOS
13:15-13:30	SPT-048	BILLAEA RHYNCHOPHORAE (DIPTERA: TACHINIDAE), A NEW OPTION FOR BIOLOGICAL CONTROL OF THE RED PALM WEEVIL?	BERNHARD LÖHR
13:30-13:45	SPT-036	BACTERIAL INSECTICIDES AND THE CONTROL OF INSECT PESTS IN DATE PRODUCTION	Colin Berry
13:45-14:00	SPT-061	INTEGRATED APPLICATION OF ENTOMOPATHOGENIC FUNGI AND NEMATODES: A SUSTAINABLE STRATEGY AGAINST RHYNCHOPHORUS FERRUGINEUS	MUHAMMAD ASRAR

14:15-14:30		DISCUSSION	
15:30 -16:00		COFFEE BREAK	
16:00- 16:30		SESSION POSTER (ANNEXE)	
14:30-14:45	SPT-016	STRATEGIES FOR WATER SAVINGS AND AGRICULTURAL ENHANCEMENTS IN UAE THROUGH MANAGEMENT PRACTICES	KHALIL UR RAHMAN BUTT
14:45:15:00	SPT-025	PROTECTING CROPS USING ENDOPHYTIC ENTOMOPATHOGENIC FUNGI	RICHARD IAN SAMUELS
15-15-15:30		DISCUSSION	
MODERATOS: BABIKER ABDEL-BANAT, COLIN BERRY, GHULAM SARWAR MARKHAND			
16:30-16:45	SPT-018	POPULATION GENOMICS OF RHYNCHOPHORUS FERRUGINEUS ACROSS ITS NATIVE AND INVASIVE RANGE	STEPHANE BOISSINOT
16:45-17:00	SPT-020	INVESTIGATION OF PROTEOMIC AND SIX GENES TO ANALYZE THE AGGRESSIVENESS OF FUSARIUM OXYSPORUM ALBEDINIS AND RECHEARCH FOR INTEGRATED STRATEGIES TO CONTROL BAYOUD DISEASE	DIHAZI ABDELHI
17:00-17:15	SPT-030	THE ABSENCE OF RED PALM WEEVIL IN ALGERIA AND SUDAN: ECOLOGICAL, REGULATORY, AND PREVENTIVE INSIGHTS AND LESSONS FOR REGIONAL MANAGEMENT	MOHAMED ALI BOB
17:15-17:30		DISCUSSION	
17:30-17:45	SPT-019	RED PALM WEEVIL MANAGEMENT IN DATE PALM: DOS AND DON'TS	JOSE ROMENO FALEIRO
17:45-18:00	SPT-021	INTERNATIONAL INITIATIVES IN BIOLOGICAL CONTROL FOR ARID REGIONS: LESSONS FROM GLOBAL GREEN INNOVATION AND SUSTAINABLE DEVELOPMENT PRACTICES	RAFIS ABAZOV
18:00-18:15	SPT-028	REMOTE SENSING APPLICATIONS FOR SUSTAINABLE MANAGEMENT OF DATE PALM PRODUCTION SYSTEMS: INSIGHTS FROM REGIONAL CASE STUDIES	SHUKHRAT SHOKIROV
18:15-18:30		DISCUSSION	
CLOSING OF THE FIRST DAY			

Second day: November 10th, 2025

1ST SESSION

MODERATORS: NICKOLAS G. KAVALLIERATOS, RICHARD IAN SAMUELS, KHALIL UR RAHMAN BUTT

Time	Code	Title	SPEAKER
09:00 - 09:15	SPT-027	COMPREHENSIVE STUDY ON PATHOGEN CAUSING SUDDEN DECLINE DISEASE OF DATE PALM IN KHAIRPUR, SINDH.	WAZIR ALI METLO
09:15 - 09:30	SPT-042	INTEGRATED MANAGEMENT OF SUDDEN DECLINE DISEASE OF DATE PALM (PHOENIX DACTYLIFERA L.) IN PAKISTAN	GHULAM SARWAR MARKHAND
09:30 - 09:45	SPT-050	ENTOMOPATHOGENIC VIRUSES AS BIOCONTROL AGENTS FOR AGRICULTURAL INSECT PESTS	SAID ALI. ELSALAMOUNY
09:45 - 10:00	SPT-006	EPIDEMIOLOGY AND INTEGRATED DISEASE MANAGEMENT OF BAYOUD DISEASE (FUSARIUM OXYSPORUM F. SP. ALBEDINIS) ON DATE PALM IN ALGERIA	IBRAHIM ELKHALIL BENZOHRA
10:00 - 10:15	DISCUSSION		
10:15 - 10:30	SPT-044	ASSESSING DATE PALM VULNERABILITY TO SPIDER MITE (BOUFAROUA) INFESTATION: A TOPSIS- GIS BASED VULNERABILITY MODEL IN ZIBAN REGION, ALGERIA	BOULTIF MERIEM
10:30 - 10:45	SPT-005	ANTIFUSARIAL POTENTIAL OF BACTERIA ISOLATED FROM THE SABKHA OF NAAMA (ALGERIA): A BIOLOGICAL APPROACH FOR THE CONTROL OF DATE PALM WILT DISEASE (PHOENIX DACTYLIFERA L.)	MOHAMMED KEBDANI
10:45 - 11:00	SPT-051	GRASSHOPPER FAUNA (ORTHOPTERA : CAELIFERA) IN THE BOUSSAADA REGION, SOUTHEASTERN ALGERIA, AND IMPLICATIONS FOR DATE PALM PROTECTION	BENKENANA NAIMA
11:00 - 11:30	COFFEE BREAK		
11:30 - 11:45	SPT-001	PROTECTION AND STIMULATION OF PLANT PRODUCTION BY AN INDIGENOUS BACTERIUM	SAMIA MEZAACHE-AICHOIR
11:45 - 12:00	SPT-009	BIOPRESERVATION OF DATES USING CITRUS PEEL WASTE-DERIVED ESSENTIAL OILS: A CIRCULAR ECONOMY APPROACH TO POSTHARVEST MYCOTOXIN CONTROL	AHLAM KHALLEF
12:00 - 12:15	SPT-014	ANTIFUNGAL ACTIVITY AND OXIDATIVE STRESS INDUCTION BY CITRUS LIMONUM ESSENTIAL OIL-ENCAPSULATED ZNO NANOPARTICLES AGAINST ALTERNARIA SPP. IN DATE PALM	AHLAM KHALLEF
12:15 - 12:30	SPT-037	DATE PALM PESTS IN TUNISIA: CURRENT STATUS, CHALLENGES AND FUTURE PRIORITIES	SAMAH BEN CHAABAN
12:30 - 12:45	SPT-062	INTEGRATED ECOLOGICAL APPROACHES FOR SUSTAINABLE DATE PALM PROTECTION IN SOUTHERN ALGERIA	ABDULLAH ZOUBIRI
12:45 - 13:00	DISCUSSION		
13:00 - 14:00	LUNCH TIME		

2ND SESSION

MODERATORS: BENKENANA NAIMA, WAQAS WAKIL, MAIADA M ELDAWAYATI

13:30 - 13:45	SPT-029	BIODIVERSITY AND IMPORTANCE OF NEMATODES ASSOCIATED TO RHYNCHOPHORUS FERRUGINEUS: DO THEY HAVE ADVERSE EFFECTS?	EUSTACHIO TARASCO
13:45 - 14:00	SPT-032	A BIBLIOMETRIC ANALYSIS OF SCHOLARLY LITERATURE ON DATE PALM MITE MANAGEMENT: CURRENT TRENDS AND FUTURE PROSPECTS	MOHAMED W. NEGM
14:00 - 14:15	SPT-056	TRENDS, GAPS, AND FUTURE DIRECTIONS OF RESEARCH ON THE RED PALM WEEVIL, RHYNCHOPHORUS FERRUGINEUS, WITH A SPECIAL REFERENCE TO THE OMICS ERA	BABIKER M.A. ABDEL-BANAT
14:15 - 14:30		DISCUSSION	
14:30 - 14:45	SPT-033	OVERVIEW OF PALM PHYTOPLASMA ASSOCIATED DISEASES	ASSUNTA BERTACCINI
14:45 - 15:00	SPT-039	BLENDING OF BEAUVERIA BASSIANA AND SPINETORAM PROVED EFFECTIVE AGAINST DATE PALM DUBAS BUG UNDER LABORATORY CONDITIONS	MUHAMMAD USMAN GHAZANFAR
15:00 - 15:15	SPT-017	STRATEGIC OF SINGLE POST-POLLINATION APPLICATION OF THIAMETHOXAM ENHANCES SUSTAINABLE PEST MANAGEMENT AND ENSURES FRUIT SAFETY IN SELECTED DATE PALM CULTIVARS	MOKHTAR ABDULSATTAR ARIF
15:15 – 15:30		DISCUSSION	
15:30 - 16:00		COFFEE BREAK	
MODERATORS: MOHAMMAD KAMIL, SAID ALI ELSALAMOUNY			
16:00 - 16:15	SPT-046	HOW TO GET MICROBIAL CONTROL IN THE FIELD: PROCESS ENGINEERING ASPECTS FOR BETTER USE OF MICROORGANISMS IN BIOLOGICAL PLANT PROTECTION	DIETRICH STEPHAN
16:15 - 16:30	SPT-049	SUSTAINABLE DATE PALM PRODUCTION-BIOPESTICIDE RESEARCH	MOHAMMAD KAMIL
16:30 - 16:45	SPT-052	INTEGRATED PEST MANAGEMENT OF DATE PALM PESTS	ESSAM AGAMY
16:45 - 17:00		DISCUSSION	
17:15 - 17:30	SPT-023	ISOLATION AND SCREENING OF INDIGENOUS ENTOMOPATHOGENIC FUNGI FROM MOROCCAN SOILS AND THEIR USE TO CONTROL PLANT PESTS	NOUREDDINE IDALI
17:30 - 17:45	SPT-031	BIONOMICS OF MAJOR DATE PALM ARTHROPOD PESTS, THEIR IMPACT ON THE LIVELIHOOD OF SMALL-SCALE FARMERS, AND POSSIBLE MANAGEMENT STRATEGIES	HAMADTTU ABDEL FARAG EL-SHAFIE
17:45 - 18:00	SPT-035	TRADE-DRIVEN THREATS AND INTEGRATED MANAGEMENT OF DATE PALM DISEASES IN THE MIDDLE EAST	ABDULLAH M. AL-SADI
18:00 - 18:15		DISCUSSION	

18:15 - 18:30	SPT-040	MORPHOMETRIC STUDIES OF SOME DATE PALM POLLEN GRAINS (PHOENIX DACTYLIFERA L.)	NAHLA A AWAD
18:30 - 19:00		DISCUSSION	

CLOSING CEREMONY

THIRD DAY: THURSDAY, NOVEMBER 11th, 2025

FULL DAY : FIELD TRIP TO THE OASIS OF TOLGA, BISKRA

ANNEXE: POSTER SESSION

JURY: WAZIR ALI METLO, MOHAMMAD KAMIL, ABDUL REHMAN ALDAWOOD, MAIDA ELDAWAYATI

Code	Title	Author
SPT-002	BIOLOGICAL AND CHEMICAL CONTROL TEST AGAINST THE ADULTS OF PARLATORIA BLANCHARDI, A PEST OF DATE PALM	DALAL BELKHIRI
SPT-004	BIOCONTROL OF BAYOUD DISEASE: INDIGENOUS BACILLUS AND ACTINOBACTERIA AS ANTAGONISTS OF FUSARIUM OXYSPOURUM F.SP. ALBEDINIS IN DATE PALMS	RABHI NOUR EL HOUDA
SPT-008	QUANTIFYING HYDRIC EROSION IN DATE PALM GROVES USING GOOGLE EARTH ENGINE: A RUSLE-BASED ASSESSMENT OF THE ZAB EL GHARBI WATERSHED, BISKRA, ALGERIA.	HANAFI MOHAMED TAHAR
SPT-011	BIODIVERSITY SHAPING THE BACTERIAL COMMUNITY OF DATE PALM (PHOENIX DACTYLIFERA L.) IN THE ALGERIAN SAHARA: TOWARD THE PREVENTION OF BAYOUD DISEASE.	ROUMAISSA MOULKAF
SPT-012	INTEGRATED PROTECTION AND IMPROVING PRODUCTIVITY OF DATE PALM GROVES BY APPLYING IMAGE PROCESSING TO SEVERAL VARIETIES OF DATE PALM (PHOENIX DACTYLIFERA L.) ARE GROWN IN THE ZIBAN REGION OF ALGERIA	BOUTERAA YAKOUB
SPT-015	ISOLATION, DIAGNOSIS AND PATHOGENICITY OF TWO TYPES OF ENTOMOPATHOGENIC NEMATODES FOR PALM BORERS IN THE IRAQI ENVIRONMENT	MOHAMMED ZAIDAN KHALAF
SPT-022	PROSPECTS FOR THE USE OF FRUITS OF IRAQI DATE PALM VARIETIES (PHOENIX DACTYLIFERA L.) IN MEDICINE AND THE DEVELOPMENT OF DRUGS BASED ON BIOLOGICALLY ACTIVE SUBSTANCES FROM THE FRUITS OF TEN VARIETIES OF IRAQI DATE PALM TREES (PHOENIX DACTYLIFERA L.)	MAHDI HANOON NWAEDH ALKINANI
SPT-007	THE ECONOMIC AND SOCIAL IMPACTS OF BAYOUD DISEASE (FUSARIUM OXYSPOURUM F. SP. ALBEDINIS) ON AFFECTED AREAS	MOHAMMED FACI
SPT-010	COMPARATIVE STUDY ON THE ATTRACTIVENESS OF THREE DATE VARIETIES: GHARS, DEGLET NOUR AND DEGLA BEIDA FOR THE OVIPOSITION OF ECTOMYELOIS CERATONIAE	NADJI NASSIMA
SPT-013	STIGMATIC RECEPTIVITY, PRODUCTIVITY AND QUALITY OF DEGLET NOUR PALM FRUITS INFLUENCED BY THE APPLICATION OF DIFFERENT POLLINATION TREATMENTS	ROUMANI MESSAOUD
SPT-058	CONTRIBUTION OF THREE DNA EXTRACTION METHODS TO THE EVALUATION OF GENETIC STABILITY IN DATE PALM (<i>PHOENIX DACTYLIFERA</i> L.) VITRO PLANTS	SI-SABER SIRINE
SPT-055	INTEGRATED PEST MANAGEMENT AND SMART TECHNOLOGIES FOR THE CONTROL OF DATE PALM PESTS AND DISEASES IN ALGERIA	BOUTHINA RECHACHI
SPT-059	CHARACTERIZATION AND COMPARATIVE STUDY OF UNCOMMON DATES BY-PRODUCTS: SEEDS AND MOLASSES	HIMED HAYAT
SPT-060	TOXIC EFFECT OF NEEM OIL FROM THE EL M'GAIR REGION ON THE DATE PALM BORER (ECTOMYELOIS CERATONIAE ZELLER)	ZOUIOUCHE FATIMA ZAHRA