

# LES RENCONTRES SCIENTIFIQUES ARCAD

30 SEPTEMBRE & 1ER OCTOBRE 2021, MONTPELLIER

## LA DIVERSITÉ DES PLANTES CULTIVÉES AU CŒUR DES TRANSITIONS

CONFÉRENCES, VISITES,  
TABLES RONDES & ATELIERS  
|| ACCESSIBLES EN LIGNE

SCANNEZ-MOI!



[HTTPS://ARCAD.SCIENCESCONF.ORG](https://arcad.sciencesconf.org)

Location: Amphitheater Lamour, L'institut Agro, Montpellier.

## OPENING SESSION

9:00 – 9:30



### WELCOME SPEECHES

#### The arcad system - history, operation and specificity

*Marie-Christine Cormier-Salem, Director, Agropolis Foundation*

*Jean-Louis Pham, Senior scientist, French National Research Institute for Sustainable Development (IRD)*

9:30 – 10:20



### INTRODUCTORY SPEECHES

#### Positioning arcad within the national and international systems of plant genetic resources conservation

*Kent Nnadozie, Secretary of the International Treaty on Plant Genetic resources for Food and Agriculture*

*Stefan Schmitz, Executive Director of the Global Crop Diversity Trust*

*Audrey Didier, Plant Genetic Resources Conservation National Coordinator*

*Michèle Tixier-Boichard, RARE Infrastructure Coordinator, France*

*Ndjido Kane, Director, Centre for the Improvement of the Adaptation to Drought, Senegalese Agricultural Research Institute (ISRA-CERAAS), Senegal*

*James Molina, National Mediterranean Botanical Conservatory, Montpellier, France*

*Mohamed Hassane Sanoussi, Executive Director FUGPN-Mooriben, Niger*

10:20 – 10:45

### COFFEE BREAK

## SCIENTIFIC SEMINAR

10:45 – 12:15



### OLD TRANSITIONS: THE EXAMPLE OF DOMESTICATION

- **Demographic and genetic consequences of the development of agriculture in human populations**

*Mattias Jakobsson, Uppsala University, Sweden*

- **Domestication and paleogenomics**

*Hernán A. Burbano, University College London, England*

- **The history of domestication, a model to understand the evolutionary dynamics of crop diversity**

*Yves Vigouroux, UMR Diversité, adaptation, développement des plantes (DIADÉ) Montpellier, France*

12:15 – 13:45

### LUNCH BREAK

Location: Amphitheater Lamour, L'Institut Agro, Montpellier.

## SCIENTIFIC SEMINAR

13:45 – 15:15

### ONGOING TRANSITIONS: CROP DIVERSITY AS A LEVERAGE TO ADAPT TO GLOBAL CHANGES



- **Adaptation to climate change: analyzing farmers perceptions**

*Victoria Reyes-García, Institut de Ciència i Tecnologia Ambientals, Barcelona, Spain*

- **Senegal biodiversity adaptation: strategies and innovations developed under drought-prone environments**

*Ndjido Kane, Director, Centre for the Improvement of the Adaptation to Drought, Senegalese Agricultural Research Institute (ISRA-CERAAS), Senegal*

- **Adaptation to climate change: genetic approach, vulnerability and strategies to assist forests facing climatic transitions**

*Bruno Fady, Unité de Recherche des Forêts Méditerranéennes, INRAE, Avignon, France*

15:15 – 15:30

### COFFEE BREAK

15:30 – 17:30

### TOWARDS FUTURE TRANSITIONS



- **An ecological look at crop evolution**

*Ruben Milla, University Rey Juan Carlos, Madrid, Spain*

- **Agroecology: contributions of evolutionary breeding**

*Salvatore Ceccarelli, Bioversity International, Rome, Italy*

- **Crop diversity and food**

*Karl Zimmerer, Pennsylvania State University, US*

- **Genome editing as a new source of diversity, what are the risks associated**

*Thaura Ghneim-Herrera, ICESI University, Cali, Colombia*

Lieu/location: Amphithéâtre Louis Malassis, Agropolis International, Montpellier

## LE CENTRE ARCAD: PRÉSENTATION ET VISITE / THE ARCAD CENTER: PRESENTATION AND VISIT

9:00 – 10:30

### PRÉSENTATION DU CENTRE ARCAD



- Centre de Ressource Biologique GamèT / GamèT Biological Resource Centre
- Plateforme de cryoconservation / Cryoconservation platform
- Plateforme de génotypage / Genotyping platform
- Plateforme de phénotypage de semences / Seed phenotyping platform
- Système d'information Florilège / Florilège information system

10:30 – 12:00

### VISITE DU CENTRE ARCAD



12:00 – 14:00

### PAUSE DÉJEUNER / LUNCH BREAK

## INTERACTION AVEC LES PARTENAIRES LOCAUX, NATIONAUX ET INTERNATIONAUX / INTERACTION WITH LOCAL, NATIONAL AND INTERNATIONAL PARTNERS

Lieu/location: Amphithéâtre Louis Malassis, Agropolis International, Montpellier

14:00 – 15:45

### ATELIER: LA PAROLE AUX ACTEURS, PARTENAIRES ET UTILISATEURS POTENTIELS D'ARCAD / WORKSHOP: GIVING THE FLOOR TO ARCAD'S STAKEHOLDERS, PARTNERS AND POTENTIAL USERS



*Représentants de la recherche, du secteur privé, des acteurs territoriaux, de la société civile et de la formation / representatives of research, the private sector, territorial actors, civil society and training*

15:45 – 16:00

### PAUSE CAFÉ

16:00 – 16:30

### LE RÔLE D'ARCAD DANS LA MISE EN PLACE D'UN "TIERS-LIEU" SUR L'AGROBIODIVERSITÉ / ARCAD'S ROLE IN THE IMPLEMENTATION OF A "THIRD PLACE" ON AGROBIODIVERSITY.



16:30 – 17:00

### TABLE RONDE CONCLUSIVE / CONCLUSIVE ROUND TABLE



La parole aux tutelles d'ARCAD : enjeux scientifiques et modalités de collaboration