



## Development of innovative alternative crops for production of natural rubber

4-6 Nov 2019 Montpellier (France)

### CONFERENCE PROGRAMME

**Monday, November 4**

**Morning & Afternoon**

**Plenary session**

**Moderator: Serge PALU**

**Amphi Alliot, Cirad Lavalette**

Time schedule	Speaker	Topic	Thematic
8:30-9:30	Alpha Visa/I.Chalon Registration		
9:30-9:40	Serge Palu CIRAD/UR Biowoeb	Welcome address	
9h40-10h10	Fazilet.Cinaralp Secretary General ETRMA, Brussels, Belgium Keynote speaker	Advancing Sustainability in the Rubber Industry	Economic rubber
10:10-10:40	Katrina Cornish The Ohio State University Ohio Agricultural Research and Development Center, USA Keynote speaker	Valorization and Scalability of Alternative Rubber through properties and production process	Guayule & R.dandelion
10:40-11:00	Coffee break		
11:00-11:20	David Shaw Tire Industry Research UK	Why the tire industry needs alternatives to Hevea NR	Economic,rubber
11:20-11:40	Sophia Alami, CIRAD/ UMR AGAP France	Guayule ( <i>Parthenium argentatum</i> ): Towards a model of sustainable bio- sourced value chains that contribute to the agro-ecological transition	Bioeconomy and sustainability
11:40-12:00	Daniel Pioch CIRAD/ UR Biowoeb France	Historical review of guayule research at Cirad since the 1980s	Guayule
12:00-12:20	Michel Dorget Centre de transfert de Technologie du Mans (CTTM & GuaTecs France	Towards a European Guayule Rubber Supply Chain!	Guayule
13:00-14:15	Lunch at Cirad		
14:30-15:00	All participants	departure by bus to Lansargues	
15:15-16:30	All participants	guayule field visit	Guayule
16:45-17:45		Wine tasting	
18:00		Return to Montpellier	



## Development of innovative alternative crops for production of natural rubber

4-6 Nov 2019 Montpellier (France)

### Tuesday, November 5 Morning Plenary session Moderator: Daniel PIOCH Amphi Alliot , Cirad Lavalette

Time schedule	Speaker	Topic	Thematic
8:30-9:00	Registration Alpha Visa / Isabelle .Chalon		
9:00-9:30	Ingrid van der Meer Manager Business Unit Bioscience Coordinator DRIVE4EU Wageningen University & Research Wageningen Plant Research The Netherlands Keynote speaker	Development of Russian dandelion into a crop for natural rubber production	R.dandelion
9:30-10:00	David Dierig Sec. Manager, Agro Operations Guayule Research Bridgestone Americas, Inc.USA Keynote speaker	Development of guayule as a natural rubber source in the US by Bridgestone	Guayule
10:00-10:35	Marie Eggert & al (1) Ingo Uhleman & al (2) Brigitte. Ruge-Wehling & al. (3) Giovanni Antonio Re & al. (4) Marina Arios Royo &al (5) Leonardo Soulas &al. Italy (6) Alfredo.Napoli & al. , France (7)	Poster session presentation	R.dandelion  Guayule
10:50-11:05	Coffee break		
11:05-11:25	Helge Fluess Julius Kühn-Institut; Institute for Breeding Research on Agricultural Crops Germany	Development of population genetic tools supporting the breeding progress of R.dandelion	R.dandelion
11:25-11:45	Frederic Bakry CIRAD/ UMR AGAP France	Adaptation of the guayule to Mediterranean climate characterization and enhancement of genetic	Guayule
11:45-12:05	Anwar Buranov Nova-Biorubber Green Tech. Inc Canada	Development of sustainable and hypoallergenic latex from Taraxacum kok sahyz	R.Dandelion
12:05-12:25	Kamila Magzevia Director InExCB-KZ Kazakhstan	Industrial agenda of Kazakhstan Industrial cultivation of dandelion Taraxacum Kok-Saghyz	R. Dandelion
12:25-12:45	Eric Tardan CIRAD/ UR Biowoeb France	Development of guayule (Parthenium argentatum) at CIRAD after the EU-Pearls project	Guayule
13:00-14:15	Lunch at Cirad		



## Development of innovative alternative crops for production of natural rubber

4-6 Nov 2019 Montpellier (France)

**Tuesday, November 5**

**Afternoon**

**Plenary session**

**Moderator: Loic Brancheriau**

**Amphi Alliot , Cirad Lavalette**

<b>Time schedule</b>	<b>Speaker</b>	<b>Topic</b>	<b>Thematic</b>
14:15-14:45	Federica.Zaneti DISTAL Alma Mater Studiorum - Università di Bologna,Italy Keynote speaker	Overview of research on guayule in Europe and the United States	Guayule & R.Dandelion
14:45-15:05	Sylvie Sabatier CIRAD/ UMR AMAP France	Modelling the Guayule plant growth and development with a Functional Structural Plant Model.	Guayule
15:05-15 :25	Olivier Taugourdeau Valorhiz, France	Guayule cultivation as a sustainable leverage to rehabilitate urban brownfields	Guayule
15 :25-15:45	T.Punvichai University Prince of Songkla Thailand	Effect of Supercritical CO2 and type of co-solvent for extraction of lipids and terpenics from guayule biomass	Guayule,
16:05-16:20	Coffee break		
16:20-16:45	Jean Luc Verdeil CIRAD / UMR AGAP, France	Imaging as a knowledge tool for guayule biomass : new insights into compartmentalization of metabolites of interest"	Guayule
16:50-17:15 (7.50m-8.20am) Visio conference	Chen Dong USDA-ARS Western Regional Research Center, USA	Transcriptome analysis of guayule reveals rubber biosynthesis pathways' response to drought stress	Guayule
19:30	Registered participants & spouses	conference Diner in Montpellier	



## Development of innovative alternative crops for production of natural rubber

4-6 Nov 2019 Montpellier (France)

**Wednesday, November 6**

**Morning**

**Plenary session**

**Moderators : Sophia Alami, Michel Dorget**

**Amphi Alliot , Cirad Lavalette**

Time schedule	Speaker	Topic	Thematic
8:30-9:15	Registration Alpha Visa / Isabelle Chalon		
9:15-9:35	Serge Palu CIRAD / UR Biowoeb France	Implementation of guayule experimental plots in Languedoc Roussillon/Occitanie region	Guayule
9:35-9:50	Philippe Causse CIRAD / ASTRE-VFI	Film on guayule project in Languedoc Roussillon/Occitanie (in French translated into English)	Guayule
9:50-10:15	Coffee break		
10:15-11:45	Panel Discussion Guayule & R. dandelion as alternative crops for agricultural diversification		
	Dominique Nurit Conseillère Départementale-34  Christophe Lafon Chargé de mission Eau, Chambre Régionale d'Agriculture Occitanie  Pierre Colin, Elu Responsable Commission Productions innovantes/ diversification, Chambre d'Agriculture 34  Julien Thiery, Chef de service Viticulture Chambre d'Agriculture 66,  Magali Pelissier, Responsable Plants Sains et Sélection, CRIEPPAM	Ouverture de la table ronde // Session opening.  Contexte hydrique régional et irrigation // Water for agriculture, the regional figure.  Diversification des cultures, nécessité, conditions d'émergences de nouvelles filières // Agricultural diversification, no other option, conditions for implementing new crops.  Défi : quels choix en sol pauvre, sans accès à l'eau ? // Challenge: poor soil, no water.  PPAM : opportunités en diversification agricole // Scent and medicinal crops for diversification.	Guayule R. Dandelion
11:45-12:15	Daniel Pioch, Serge Palu CIRAD / UR Biowoeb	Summary of the conference	
12:15-12:30	Vincent Fabre-Rousseau CIRAD Regional Director Montpellier	Closing of the conference	
12:30-14:00	Lunch		
14:00-16:00	Visit of laboratories Biowoeb and AGAP research units CIRAD		General



## Development of innovative alternative crops for production of natural rubber

4-6 Nov 2019 Montpellier (France)

## Sponsors

