		Tuesday 23rd May	
8h30 - 9h	Registration Welcome		
9h	**Nicolas Guilpart**	**AgroParisTech**	**Introduction : Carbon fluxes & Agriculture & Breeding**
	SESSION 1: New biotic targeted traits. Chair: Frank Hochholdinger - Univ. Bonn		
9h30	**Ana Butron**	**CSIC Spain**	**Resistance to Fusarium Ear Rot in a MAGIC Population**
10h	To be confirmed		Genomic, physiological and ecological properties of cooperative bacteria
10h20	Judith Legrand	INRAE - Le Moulon	Synchronisation of life cycles between plants and herbivores
10h40	Thomas Miedaner	Universität Hohenheim	Employing subtropical donors to boost resistance to Gibberella ear rot and Northern corn leaf blight in European maize.
11h	Daniela Scheuermann	KWS	Breeding for NCLB resistance using HT genes
11h20 - 11h40	Coffee break & posters		
	SESSION 2: New abiotic targeted traits. Chair: Albrecht Melchinger - Professor im Ruhestand		
11h40	**Christophe Maurel**	**CNRS - Montpellier**	**The HyArchi project: Maize Root Hydraulic Architecture and its response to drought**
12h10	Fabian Guffanti	TU München	Unravelling the genetic architecture of lateral root length in maize
12h30	Frank Hochholdinger	Uni Bonn	Tissue- and cell type-specific transcriptomic plasticity and phenotypic adaptations of maize primary roots to cold stress
12h50	German Plant Breeding - section maize - Elections		
13h - 14h	LUNCH		
14h	Catherine Giauffret	INRAE - Mons	Maize tolerance to chiling
14h20	Matthieu Reymond	INRAE - IJPB	Biomass quality and interactions with drought
14h40	Sandra Roller	Universität Hohenheim	Improving phosphor-use efficiency in maize.
	SESSION 3: New diversity for maize breeding. Chair: Alain Charcosset - INRAE		
15h	**Chris Schön**	**TU München**	**Genomic approaches for use of landraces to broaden the genetic variation of maize breeding germplasm**

15h30	Claude Welcker	INRA - LEPSE	Analysis of past genetic gain
15h50	Sebastian Urzinger	TU München	Identification of genetic factors influencing early development and cold tolerance in maize landraces
16h10	Sanchez Dimitri	INRAE / RAGT	New tools for RG selection and management of genetic diversity
16h30	Randy Wisser	INRAE - LEPSE	Using Subtropical maize germplasm to face climate change
17h	end of the 1st day		
17h30	VISIT of the Greenhouses, nurseries and labs of Le Moulon		
19h	APERITIF & DINER in Le Moulon (IDDEV building)		
Wednesday 24th May			
	SESSION 4: Statistical methods and modeling for breeding schemes Chair: Chris Schön - TUM		
9h	**Boris Parent, to be confirmed**	**INRAE - LEPSE**	**Modeling / termal time**
9h30	Fabienne Henriot	Limagrain	Interactions GxE OR Envirotyping
9h50	Susanne Groh	Corteva Agriscience	Using reference set of hybrids for pattern analysis.
10h10	Renaud Rincent	INRAE – Le Moulon	Phenomic selection - NIRS
10h30-10h50	Coffee break & posters		
10h50	Willem S. Molenaar	Van Waveren	Novel approaches to increase the chromosome doubling rate in doubled haploid maize production
11h10	To be confirmed		Use of drones in maize experimentations
11h30	To be confirmed		Accounting for GxE in genomic prediction
11h50	Tristan Mary-Huard	INRAE - Le Moulon	Fast mixed model - applications to genetics
12h15	Concluding remarks. A. Melchinger & J. Fievet		