

# DETAILED PROGRAM

Day	Start	End	Event
<b>7 June - Tue</b>	All day		Arrivals
	17:00	20:00	Registration - Poster setup
	19:00	22:00	Welcome party
<b>8 June - Wed</b>	07:30	13:00	Registration
	08:00	08:20	<b>Opening ceremony</b>
	08:20	09:20	<b>Plenary Lecture</b> <b>Prof. KOICHI YONEYAMA</b> <b>How many strigolactones do plants produce?</b>
	09:20	09:40	Refreshment break
	<b>09:40</b>	<b>12:40</b>	<b>Session 1: Parasitic Plant Genomics</b> <b>Chairpersons: Jim WESTWOOD and John YODER</b>
	9:40	9:45	Jim WESTWOOD Introductory remarks
	09:45	10:15	Satoko YOSHIDA Large-scale sequencing analysis of <i>Striga</i> species
	10:15	10:45	Jim WESTWOOD and Claude DEPAMPHILIS The parasitic plant genome project: A massive EST sequencing project for the Orobanchaceae
	10:45	11:05	Julia NAUMANN The <i>Hydnora</i> transcriptome project - first genomic insights into the "strangest plant in the world"
	11:05	11:25	Loren HONAAS Functional genomics of a generalist parasitic plant
	11:25	11:40	Guangda LIU Horizontal gene transfer between the parasitic plant <i>Cynomorium songaricum</i> Rupr. and its host <i>Nitraria tangutorum</i> Bobr.
	11:40	11:55	Gunjune KIM Genomics approaches to understanding mRNA movement between hosts and parasites
	11:55	12:15	John YODER Parasitic plant genes necessary for haustorium development
	12:15	12:40	General Session Discussion
	12:40	14:00	Lunch
	<b>14:00</b>	<b>16:00</b>	<b>Session 2: Parasitic Plant Biology</b> <b>Chairpersons: Alistair MURDOCH and Gregorio CECCANTINI</b>
	14:00	14:15	Erika MAASS Floral biology of <i>Hydnora abyssinica</i> – new insights from Southern Namibia
	14:15	14:30	Golshan ZARE Micromorphological studies on seed of <i>Orobanche</i> L. (Orobanchaceae) species from Turkey, and their systematic significance
	14:30	14:45	Atsushi OZAKAWA Sugar metabolism during germination of <i>Orobanche minor</i> as a novel target for selective control

	14:45	15:00	Alistair MURDOCH Comparison of multiplicative and sequential models of dormancy and germination of <i>Striga hermonthica</i>
	15:00	15:15	Alejandro PÉREZ DE LUQUE Crenate broomrape invasion of pea root: a histological time lapse study
	15:15	15:30	Mustapha HAIDAR Histological studies on the haustorium of <i>Cuscuta campestris</i> Yuncker
	15:30	15:45	Takeshi FURUHASHI Comparative analysis of seedling proteins of <i>Cuscuta japonica</i> attached to different hosts
	15:45	16:00	Gregorio CECCANTINI Skewed "sex ratios" in the peculiar holoparasite Pilostyles (Apodanthaceae – Cucurbitales)
	16:00	16:30	Refreshment break
	<b>16:30</b>	<b>18:30</b>	<b>Session 2: Parasitic Plant Biology (continued)</b>
	16:30	16:45	Anna STĘPOWSKA Morphological response of the tomato ( <i>Lycopersicon esculentum</i> Mill.) to parasitic plants – <i>Phelipanche ramosa</i> L. Pomel and pathogen – <i>Oidium neolycopersici</i> L. Kiss
	16:45	17:00	Vitor BARÃO Modifications in wood hydraulic conductivity and embolism increase in <i>Tipuana tipu</i> parasitized by <i>Struthanthus vulgaris</i>
	17:00	17:15	James FISHER Redistributing the wealth: interactions between plant parasitism and parasite litter in semi-natural grassland communities
	17:15	17:30	Sugwang LEE Distribution, characteristics and host specificity of <i>Loranthus Tanakae</i> in South Korea
	17:30	17:45	Daniel NICKRENT Santalales phylogeny prompts new insights into morphological character evolution
	17:45	18:30	General Session Discussion
	19:30	21:00	Dinner
	21:20		Baroque Concert
<b>9 June - Thu</b>	<b>08:30</b>	<b>09:25</b>	<b>Keynote Lecture</b> <b>Hinanit KOLTAL - Strigolactones' multiple roles in plant development</b>
	<b>09:25</b>	<b>10:15</b>	<b>Symposium: Advances in Strigolactone Research</b> <b>Chairpersons: Joseph HERSHENHORN and Hinanit KOLTAL</b>
	09:25	09:50	Cristina PRANDI New potent fluorescent analogues of strigolactones: synthesis and biological activity in parasitic weed germination and hyphal branching in AM fungi
	09:50	10:15	Yoram KAPULNIK Strigolactone substances stimulate different gene expression of tomato light harvesting complexes and hyphal growth of arbuscular mycorrhizal fungi
	10:15	10:45	Refreshment break
	<b>10:45</b>	<b>12:30</b>	<b>Symposium: Advances in Strigolactone Research (continued)</b>

	10:45	11:10	Evgenya DOR The synthetic strigolactone GR24 influences the growth pattern of phytopathogenic fungi
	11:10	11:35	Carolien RUYTER Strigolactones: a cry for help results in fatal attraction. Is any escape possible?
	11:35	11:50	Hidemitsu NAKAMURA Screening and identification of MAX2-interacting factors for the isolation of novel strigolactone-signaling factors
	11:50	12:05	Kaori YONEYAMA Interaction between strigolactone and other plant hormones
	12:05	12:30	General Symposium Discussion
	12:30	14:00	Lunch
	<b>14:00</b>	<b>16:00</b>	<b>Session 3: Ecology and Population Biology</b> <b>Chairpersons: Yaakov GOLDWASSER and Garifalia ECONOMOU</b>
	14:00	14:15	Mohamed KAMAL Genetic diversity of <i>Striga hermonthica</i> populations in Ethiopia: evaluating the role of geography and host specificity in shaping population structure
	14:15	14:30	Lytton MUSSELMAN The genus <i>Hydnora</i> (Hydnoraceae) in Southern Africa and Madagascar
	14:30	14:45	Leonardo VELASCO Genetic diversity of wild <i>Orobanche cernua</i> L. populations from southeastern Spain
	14:45	15:00	Mat Yunoh SITI-MUNIRAH Distribution of <i>Rafflesia</i> populations in Upper Perak, Peninsular Malaysia
	15:00	15:15	Hans Christian WEBER Observations on parasitic plants of Malta with remarks about the terms root, stem and leaf parasitism
	15:15	15:30	Peter TÓTH Flower volatiles of Orobanchaceae - a useful tool for phylogeny
	15:30	16:00	General session discussion
	16:00	16:30	Refreshment break
	<b>16:30</b>	<b>18:00</b>	<b>Poster Session and Discussion</b> <b>Chairperson: Jonathan GRESSEL</b>
	<b>18:00</b>	<b>19:00</b>	<b>Student Session</b>
	20:00	23:00	Gala dinner
<b>10 June - Fri</b>	<b>08:00</b>	<b>10:00</b>	<b>Session 4: Host-Parasite Communication</b> <b>Chairpersons: Radi ALY and Philippe SIMIER</b>
	08:00	08:15	Radi ALY Interactions and translocation of molecules and macromolecules between host plant and broomrape
	08:15	08:30	Zachary GAUDIN Nitrogen absorption, translocation and fluxes in the <i>Phelipanche ramosa</i> / <i>Brassica napus</i> interaction
	08:30	08:45	Muhammad JAMIL Unraveling the mechanism involved in <i>Striga</i> parasitism in cereals under nutrient deficient conditions

	08:45	09:00	Bruna RODRIGUES-FERREIRA Anatomy of the haustorium of two species of <i>Struthanthus</i> Mart. (Loranthaceae)
	09:00	09:15	Philippe SIMIER Stimulants of <i>Phelipanche ramosa</i> germination from oilseed rape roots
	09:15	09:30	Daniel JOEL The natural germination stimulant of <i>Orobancha cumana</i> is not a strigolactone
	09:30	10:00	General session discussion
	10:00	10:30	Refreshment break
	<b>10:30</b>	<b>12:30</b>	<b>Session 5: Means for Parasitic Weed Management (EWRS session)</b> <b>Chairpersons: Diego RUBIALES and Grama Nanjappa DHANAPAL</b>
	10:30	10:45	Nadjia ZERMANE Management of broomrape and dodder using natural plant metabolite
	10:45	11:00	Alistair MURDOCH Could the <i>Desmodium</i> 'push-pull' system for <i>Striga</i> control in Africa work on <i>Phelipanche ramosa</i> and <i>Orobancha crenata</i> ?
	11:00	11:15	Alpha KAMARA Integrated management of <i>Striga hermonthica</i> in maize in the Nigerian Savannas
	11:15	11:30	Sarah HEARNE <i>Striga</i> the bewitching weed: interdisciplinary context of control
	11:30	11:45	Hanan EIZENBERG Are we modeling the math or the biology of parasitism dynamics?
	11:45	12:00	Nuhu GWORGWOR The use of arbuscular mycorrhizal (AM) fungi controlling <i>Orobancha minor</i> in red clover ( <i>Trifolium pratense</i> )
	12:00	12:30	General session discussion
	12:30	13:30	Lunch
	13:30	20:30	Excursion
	20:30		Dinner
<b>11 June - Sat</b>	<b>08:00</b>	<b>10:00</b>	<b>Session 6: Strigolactones</b> <b>Chairpersons: Koichi YONEYAMA and Antonio EVIDENTE</b>
	08:00	08:15	Rodrigo ECHEGOYEN-NAVA How does <i>Striga hermonthica</i> alter the growth and morphology of rice plants; are strigolactones involved?
	08:15	08:30	Kosuke FUKUI Target selective strigolactone analogues
	08:30	08:45	Juliane Karine ISHIDA Transcriptome analysis of the parasitic plant <i>Phtheirospermum japonicum</i>
	08:45	09:00	Shinsaku ITO Gibberellin regulates strigolactone biosynthesis
	09:00	09:15	Yukihiro SUGIMOTO Promotive and inhibitory stereoisomers of strigolactones to seed germination of <i>Striga gesnerioides</i>

09:15	09:30	Binne ZWANENBURG New strigolactone analogues, design, synthesis and bioactivity
09:30	10:00	General session discussion
10:00	10:30	Refreshment break
<b>10:30</b>	<b>12:30</b>	<b>Session 7: Crop Resistance to Parasitic Weeds and Crop Breeding Chairpersons: Julie SCHOLLES and Alejandro PÉREZ DE LUQUE</b>
10:30	10:45	Mamadou CISSOKO Post attachment resistance of interspecific NERICA rice cultivars to the parasitic weeds <i>Striga hermonthica</i> and <i>S. Asiatica</i>
10:45	11:00	Haron KARAYA Combining ability of maize inbred lines resistant to <i>Striga hermonthica</i> evaluated under artificial <i>Striga</i> infestation in Kenya
11:00	11:15	Johann LOUARN Can we use arbuscular mycorrhizal fungi to improve resistance to <i>Orobanche cumana</i> in sunflower?
11:15	11:30	Joseph HERSHENHORN Characterisation of a novel tomato mutant HRT-1 resistant to acetolactate synthase inhibiting herbicides for broomrape management
11:30	11:45	Leonardo VELASCO Studies on plant isolation and hybridisation in sunflower broomrape ( <i>Orobanche cumana</i> Wallr.).
11:45	12:00	Yaacov GOLDWASSER Differential susceptibility of pepper ( <i>Capsicum</i> spp.) to <i>Phelipanche aegyptiaca</i>
12:00	12:30	General session discussion
12:30	14:00	Lunch
<b>14:00</b>	<b>15:30</b>	<b>Workshop: Using Free Data of the Genome Projects</b>
15:30	16:00	Refreshment break
<b>16:00</b>	<b>18:00</b>	<b>Session 8 - Interactions Between Parasitic Plants and the Environment Chairpersons: Hanan EIZENBERG and Ahmet ULUDAG</b>
16:00	16:15	Sebastian BÖKLE Influence of fertilization and field history on soil properties and microbial communities and its' relation to <i>Striga hermonthica</i> (Del.) Benth. population density, in the Kati district of Mali
16:15	16:30	Amnon CHOCHAVI Developing a predictive model based on temperatures for <i>Phelipanche aegyptiaca</i> parasitism in carrots
16:30	16:45	Garifalia ECONOMOU A large scale analysis of factors affecting the infestation of tobacco ( <i>Nicotiana tabaccum</i> L.) by <i>Phelipanche</i> species
16:45	17:00	Jonne RODENBURG Preparing African rice farmers against parasitic weeds in a changing environment – a new, integrated research project
17:00	17:15	Ahmet ULUDAG Understanding climate change on parasitic plants' invasions
17:15	17:30	Tuvia YACOOBY Malvaceae weeds as hosts for <i>Orobanche aegyptiaca</i> in Israel
17:30	18:00	General session discussion
<b>18:00</b>	<b>18:30</b>	<b>General Discussion - Closure</b>

	<b>20:00</b>	<b>Student Poster Prize - Chairperson: Julie SCHOLES</b>
	20:00	Pizza dinner
<b>12 June - Sun</b>	All day	Departures