



CONFERENCE PROGRAM

Sunday, 6 July 2008	
16:30-18:00	Meeting of the Retiring ISSS Executive <div style="text-align: right;">Conference Center: Seminar Room 4</div>
18:00-20:00	Registration & Welcome Reception <div style="text-align: right;">Conference Center: Main Lobby</div>
Monday, 7 July 2008	
8:00-9:00	Registration <div style="text-align: right;">Conference Center: Main Lobby</div>
9:00-9:30	Official Opening & Welcome by ISSS President <i>Chair: Ryszard J. Górecki</i> <div style="text-align: right;">Conference Center: Conference Hall</div>
Session I: Alfred M Mayer Plenary Lecture <i>Chair: Derek Bewley</i> <div style="text-align: right;">Conference Center: Conference Hall</div>	
9:30-10:30	<u>HOLDSWORTH M.J.</u>, JONES P., HOLMAN T., MEDHURST A., GERJETS T., THEODOULOU F. University of Nottingham, UK. <i>Post-Genomics Approaches to Understand Mechanisms Regulating the Completion of Germination</i>
10:30-11:00	<i>Coffee break</i> <div style="text-align: right;">Conference Center: Main Lobby</div>
Session II: Seed Development and Maturation <i>Chair: Jill Farrant</i> <div style="text-align: right;">Conference Center: Conference Hall</div>	
11:00-11:30	Lead Paper: <u>DUBREUCQ B.</u>, BAUD S., SANTOS MENDOZA M., BERGER N., HARSCOET E., VITERBO D., CABOCHE M., LEPINIEC L. Institut Jean-Pierre Bourgin, France. <i>LEC2 Regulatory Network and Seed Maturation</i>
11:30-11:50	Lecture 1: <u>MACHADO C.F.</u>, BEWLEY J.D. <i>Gene Expression During Development and Germination of Tomato Seeds From the Wet Fruit and After Drying</i>
11:50-12:10	Lecture 2: <u>RODRÍGUEZ M.V.</u>, MENDIONDO G.M., <u>BENECH-ARNOLD R.L.</u> <i>Interaction Between ABA Signaling and GA Metabolism in Sorghum Lines with Contrasting Sprouting Behavior</i>
12:10-12:30	Lecture 3: <u>RADCHUK V.V.</u>, BORISJUK L., SREENIVASULU N., ROLLETSCHKE H., WESCHKE W. <i>Starch Biosynthesis and Degradation in the Developing Barley Grains</i>
12:30-13:30	<i>Lunch</i> <div style="text-align: right;">Conference Center: Buffet</div>



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Session III: Seed Dormancy and Germination <i>Chair: Gerhard Leubner</i> Conference Center: Conference Hall	
13:30-14:00	Lead Paper: SOPPE W., SUGLIANI M., NAKABAYASHI K., LIU Y., GEYER R., SCHWAB M., SILADY R., KOORNNEEF M. Max Planck Institute for Plant Breeding Research, Germany. <i>Control of Seed Dormancy by Transcript Processing</i>
14:00-14:20	Lecture 1: <u>BOGATEK R.</u> <i>Free Radicals in Seed Germination</i>
14:20-14:40	Lecture 2: <u>FINCH-SAVAGE W.E., FOOTITT S., CADMAN C.S.C, DENT K.C., TOOROP P.E., LYNN J.R., HILHORST H.W.M.</u> <i>Transcriptional Profiling of Seed Dormancy Cycling in Arabidopsis thaliana (L.) Heynh. and Other Species of the Brassicaceae</i>
14:40-15:00	Lecture 3: <u>NONOGAKI H., MARTIN R.C., ASAHINA M., PLUSKOTA W.E., LIU P.-P., KRISTOF J.R., COPPERSMITH J.L., PUPEL P.</u> <i>miRNA Function in Seed Germination and Postgermination Stages</i>
15:00-15:20	Lecture 4: <u>BASSEL G.W., FOONG J.A., PROVART N.J.</u> <i>Gene Expression Networks and Cellular Responses During Arabidopsis Seed Germination and Dormancy</i>
15:20-15:40	Lecture 5: <u>TOH S., WATANABE A., YAMAGUCHI S., KAMIYA, Y., NAMBARA E., AND KAWAKAMI N.</u> <i>Thermoinhibition of Arabidopsis Seeds in The Light and in the Dark</i>
15:40-16:10	<i>Coffee break</i> <div style="text-align: right;">Conference Center: Main Lobby</div>
Session IV: Seed Technology and Alternative Seed Uses <i>Chair: Kent Bradford</i> Conference Center: Conference Hall	
16:10-16:40	Lead Paper: SHEWRY P.R. Rothamsted Research, Harpenden, UK. <i>Improvement of Wheat for Processing and Quality</i>
16:40-17:00	Lecture 1: <u>BUDZYŃSKI W., GOŁASZEWSKI J., JANKOWSKI K.</u> <i>Seeds as the Source of Biofuels</i>
17:00-18:00	Poster viewing (including glass of wine/beer) <div style="text-align: right;">Conference Center: Lemon Hall</div>
20:00-22:30	<i>Gala Dinner</i> <div style="text-align: right;">University Library, Aula, 3rd floor</div>



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Tuesday, 8 July 2008	
8:00-9:00	<p>Registration</p> <p style="text-align: right;">Conference Center: Main Lobby</p>
<p>Session V: Michael Black Founders Plenary Lecture</p> <p><i>Chair: Patricia Berjak</i></p> <p style="text-align: right;">Conference Center: Conference Hall</p>	
9:00-10:00	<p><u>DAWS M.I.</u> Royal Botanic Garden, Kew, UK. <i>A Seed Mass Perspective on the Seed Ecology of Neotropical Trees</i></p>
10:00-10:30	<p><i>Coffee break</i></p> <p style="text-align: right;">Conference Center: Main Lobby</p>
<p>Session VI: Seed Stress Tolerance</p> <p><i>Chair: Françoise Corbineau</i></p> <p style="text-align: right;">Conference Center: Conference Hall</p>	
10:30-11:00	<p>Lead Paper: <u>KRANNER I.</u> Royal Botanic Garden, Kew, UK <i>What Is Stress? Concepts, Definitions and Applications in Seed Science</i></p>
11:00-11:20	<p>Lecture 1: <u>FERNÁNDEZ-ARBAIZAR A.</u>, <u>FERNÁNDEZ-MARCOS M.</u>, <u>RODRÍGUEZ D.</u>, <u>NICOLÁS G. LORENZO O.</u> <i>Nitric Oxide and Jasmonates: Two Plant Growth Regulators with a Role in Arabidopsis Seed Germination</i></p>
11:20-11:40	<p>Lecture 2: <u>BOLINGUE W.</u>, <u>ROSNOBLET C.</u>, <u>LEPRINCE O.</u>, <u>BUITINK J.</u> <i>MtSNF4b a Subunit of the SnRK1 Complex, Regulates Defence Responses Associated with Dormancy and Quiescence in Seeds of Medicago truncatula</i></p>
11:40-12:00	<p>Lecture 3: <u>BOUCHER V.</u>, <u>BUITINK J.</u>, <u>HOEKSTRA F.A.</u>, <u>BOUDET J.</u>, <u>LEPRINCE O.</u> <i>Inhibition of Protein Aggregation by MtPM25, a Seed-Specific and Nuclear Targeted LEA Protein</i></p>
12:00-13:00	<p><i>Lunch</i></p> <p style="text-align: right;">Conference Center: Buffet</p>
<p>Session VII: Germplasm Preservation</p> <p><i>Chair: Leónie Bentsink</i></p> <p style="text-align: right;">Conference Center: Conference Hall</p>	
13:00-13:30	<p>Lead Paper: <u>GROOT S.P.C.</u> Plant Research International B.V., Netherlands. <i>Maintenance of Seed Quality in Genetic Resource Conservation</i></p>



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13:30-13:50	Lecture 1: <u>WALTERS C.</u> <i>Biophysical Approaches to Measure and Predict Seed Longevity</i>
13:50-14:10	Lecture 2: <u>MIRA S., WALTERS C., HILL L.M., ESTRELLES E., GONZÁLEZ-BENITO M.E.</u> <i>Seed Deterioration Increases in the Presence of Volatiles</i>
14:10-14:30	Lecture 3: <u>DANIEL I.O., BÖRNER A., KRUSE M.</u> <i>Comparative Seed Longevity Among Accessions of Tropical Vegetable Species</i>
Session VIII: Seed Ecology <i>Chair: Stephen Adkins</i> Conference Center: Conference Hall	
14:30-15:00	Lead Paper: <u>POSCHLOD P.</u> University of Regensburg, Germany. <i>Seed Ecology in Amphibious Habitats – Understanding the Mechanisms Behind Vegetation and Population Dynamics</i>
15:00-15:20	Lecture 1: <u>WALCK J.L., HIDAYATI S.N., DIXON K.W., THOMPSON K.</u> <i>Effects of Climate Change on Seed Dormancy and Germination: A Review and Identification of Research Issues</i>
15:20-15:40	Lecture 2: <u>TOOROP P.E., BEGG G.S., WISHART J., IANNETTA P.P.M.</u> <i>Germination Characters and Myxospermy of Shepherds Purse (<i>Capsella bursa-pastoris</i> (L.) medic.) Time-To-Flowering Variants</i>
15:40-16:00	Lecture 3: <u>YOSHIOKA T., FUJIKURA S., SUGIYAMA Y., KATAYAMA K.</u> <i>Seasonal Dynamism of Pre-Germination Seed Vernalization and an Exhaustive Analysis of Its Gene Expression, in a Winter Annual, <i>Conyza canadensis</i></i>
16:00-16:30	<i>Coffee break</i> Conference Center: Main Lobby
Session IX: Technical workshop	
16:30-18:00	<u>NONOGAKI H., PLUSKOTA W.E.</u> Oregon State University, USA. <i>Tissue Printing for RNA and Protein Localization in Seeds</i> Conference Center: Blue Hall
	<u>BUITINK J., DICKIE J., LIU K., HOLDSWORTH M.J., BASSEL G.</u> INRA, France. <i>Introduction to Seed Databases</i> Conference Center: Crimson Hall
20:00-late	<i>Conference party</i> The Kortowska Haven



CONFERENCE PROGRAM

Wednesday, 9 July 2008

Conference Tours: 07:00 – 21:00 Gdansk, 07:00 – 21:00 Great Lakes

Thursday, 10 July 2008

8:00-9:00	Registration Conference Center: Main Lobby	
	<p>Session X A: Seed Development and Maturation Oral presentations <i>Chair: Roberto Benech-Arnold</i> Conference Center: <u>Conference Hall</u></p>	<p>Session X B: Seed Stress Tolerance Oral presentations <i>Chair: Henk Hilhorst</i> Conference Center: <u>Crimson Hall</u></p>
9:00-9:15	<p>Presentation 1: <u>FARRANT J.M.</u>, <u>PAMMENTER N.W.</u>, <u>BERJAK P.</u> <i>Development of the Desiccation-Sensitive (Recalcitrant) Seeds of <i>Avicennia marina</i>: A Metabolomics Study</i></p>	<p>Presentation 1: <u>FUJINO K.</u>, <u>SEKIGUCHI H.</u>, <u>MATSUDA Y.</u>, <u>YANO M.</u> <i>Molecular Characterization of a Major Quantitative Trait Locus Controlling Low Temperature Germinability in Rice</i></p>
9:15-9:30	<p>Presentation 2: <u>BIDZINSKI P.</u>, <u>POURCEL L.</u>, <u>ROUTABOUL J.-M.</u>, <u>DUBOS C.</u>, <u>LEPINIEC L.</u>, <u>DEBEAUJON I.</u> <i>Developmental and Stress Regulation of the <i>ARABIDOPSIS</i> TRANSPARENT TESTA 10 Gene Involved in Seed Coat Flavonoid Oxidation</i></p>	<p>Presentation 2: <u>CHAPPELL J.H.</u>, <u>COHN M.A.</u> <i>Exploring Recalcitrant Seed Death with the <i>Spartina</i> Model System</i></p>
9:30-9:45	<p>Presentation 3: <u>VICIENT C.M.</u>, <u>MIQUEL M.</u>, <u>TNANI H.</u>, <u>LÓPEZ-RIBERA I.</u> <i>Analysis of the Maize Scutellum Transcriptome</i></p>	<p>Presentation 3: <u>HUNDERTMARK M.</u>, <u>HINCHA D.K.</u> <i>LEA Proteins in <i>Arabidopsis thaliana</i></i></p>
9:45-10:00	<p>Presentation 4: <u>GÓRECKI R.J.</u>, <u>LAHUTA L.B.</u> <i>Modification of α-D-Galactosides Composition in Legume Seeds by Feeding Free Cyclitols</i></p>	<p>Presentation 4: <u>LIGTERINK J.W.</u>, <u>KODDE J.</u>, <u>LAMMERS M.</u>, <u>WILLEMS L.</u>, <u>DE MAAGD R.</u>, <u>HILHORST H.W.M.</u> <i>Molecular Dissection of Seed Priming</i></p>
10:00-10:15	<p>Presentation 5: <u>OBENDORF R.L.</u>, <u>KOSINA S.M.</u> AND <u>SCHNEBLY S.R.</u> <i>Are Raffinose and Stachyose Unloaded From Soybean Seed Coats to Developing Embryos?</i></p>	<p>Presentation 5: <u>SINGH G.</u>, <u>JAIN M.</u>, <u>KULSHRESHTHA R.</u>, <u>KHURANA J.P.</u>, <u>KUMAR S.</u>, <u>SINGH P.</u> <i>Expression Analysis of Genes Implicated in Protein Synthesis and Sorting in Wheat Cultivars Showing Differential Tolerance to Drought</i></p>



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10:15-10:30	<p>Presentation 6: <u>WOODENBERG W.R.</u>, <u>BERJAK P.</u>, <u>PAMMENTER N.</u> <i>Post-Shedding Seed Behaviour and Ovule Development in <i>Encephalartos natalensis</i> (Zamiaceae)</i></p>	<p>Presentation 6: <u>EL-MAAROUF-BOUTEAU H.</u>, <u>BAZIN J.</u>, <u>KIBINZA S.</u>, <u>CORBINEAU F.</u>, <u>BAILLY C.</u> <i>Involvement of Reactive Oxygen Species and Programmed Cell Death in Seed Ageing</i></p>
10:30-11:00	<p><i>Coffee break</i></p> <p style="text-align: right;">Conference Center: Main Lobby</p>	
	<p style="text-align: center;">Session XI A: Seed Development and Maturation Oral presentations <i>Chair: Steven Penfield</i> Conference Center: Conference Hall</p>	<p style="text-align: center;">Session XI B: Seed Ecology Oral presentations <i>Chair: Jeffrey Walck</i> Conference Center: Crimson Hall</p>
11:00-11:15	<p>Presentation 1: <u>ODIAKA N. I.</u>, <u>AKORODA M.O.</u> <i>Germinability of Recalcitrant <i>Telfairia occidentalis</i> Seeds During Development and Two Storage Periods</i></p>	<p>Presentation 1: <u>ZHANG H.</u>, <u>CHU L.M.</u> <i>Soil Seed Bank Composition and Development in the Restored Quarries in Hong Kong</i></p>
11:15-11:30	<p>Presentation 2: <u>BAIG A.H.</u>, <u>REHMAN S.</u>, <u>RANA S.</u> <i>Use of RNA Interference for Development of Male Sterility in <i>Arabidopsis thaliana</i></i></p>	<p>Presentation 2: <u>ZONGO C.</u>, <u>FOGLIANI B.</u>, <u>MCGILL C.R.</u>, <u>SAINTPIERRE D.</u>, <u>BOURAIMA-MADJÈBI S.</u> <i>Morphological Adaptations and Chemical Composition of Seeds of New Caledonian Native Plants Used for Mining Revegetation</i></p>
11:30-11:45	<p>Presentation 3: <u>ASTUTI Y.M.T.</u>, <u>DEWI K.</u>, <u>PRAWOTO A.</u>, <u>HARTATI, R.M.</u> <i>Gibberellin, Auxin and Cytokinin Content in the Developing Seeds of Cacao (<i>Theobroma cacao</i> L.)</i></p>	<p>Presentation 3: <u>COMMANDER L.E.</u>, <u>MERRITT D.J.</u>, <u>ROKICH D.P.</u>, <u>DIXON K.W.</u> <i>Alleviating Dormancy of Australian Arid Zone Species</i></p>
11:45-12:00	<p>Presentation 4: <u>KOSINA S.M.</u>, <u>CASTILLO A.</u>, <u>PETRELLA R.C.</u>, <u>SCHNEBLY S.R.</u>, <u>OBENDORF R.L.</u> <i>Soybean Seed Coat Cup Unloading on Plants with Low-Raffinose, Low-Stachyose Seed</i></p>	<p>Presentation 4: <u>TUCKETT R.E.</u>, <u>MERRITT D.</u>, <u>DIXON K.</u>, <u>HAY F.</u>, <u>HOPPER S.</u> <i>Seeds of Vernal Pool Plants in Western Australia Germinate Readily But Are Short Lived in Storage</i></p>



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	Session XII A: Seed Dormancy and Germination Oral presentations <i>Chair: Jorge Vazquez-Ramos</i> Conference Center: Conference Hall	Session XII B: Seed Stress Tolerance Oral presentations <i>Chair: Dolores Rodriguez</i> Conference Center: Crimson Hall
12:00-12:15	Presentation 1: <u>PENFIELD S., HALL A.</u> <i>A Central Role for the Circadian Clock in the Regulation of Seed Dormancy by Temperature and After-Ripening</i>	Presentation 1: <u>KALEMBA E.M., PUKACKA S.</u> <i>The Role of LEA Proteins and sHSP in Beech (<i>Fagus sylvatica</i> L.) Seeds During Maturation, Storage and Germination</i>
12:15-12:30	Presentation 2: <u>LINKIES A., MÜLLER K., WENK M., MORRIS K., CADMAN C., LYNN J., GRÄBER K., FINCH-SAVAGE W.E., LEUBNER-METZGER G.</u> <i>Comparative Seed Biology - A Reverse Genetics Approach to Endosperm Weakening by Using Brassicaceae Relatives</i>	Presentation 2: <u>VARGHESE B., SERSHEN, BERJAK P., PAMMENTER N.W.</u> <i>Differential Rates of Drying of Recalcitrant <i>Trichilia dregeana</i> Embryonic Axes: A Study of Survival and Desiccation-Induced Oxidative Stress Metabolism</i>
12:30-13:30	<i>Lunch</i> Conference Center: Buffet	
13:30-13:45	Presentation 3: <u>MÜLLER K., VREEBURG R.A.M., FRY S.C., LEUBNER-METZGER G.</u> <i>Hydroxyl Radicals and in vivo Scission of Cress Seed Cell Walls</i>	Presentation 3: <u>JARADAT A.A.</u> <i>Modeling Seed Weight Under Environmental Resource Limitations as a Function of C, N, and C:N Allocation</i>
13:45-14:00	Presentation 4: <u>GU X., FOLEY M.E., ANDERSON J.V., HORVATH D.P.</u> <i>qSD7-1 Is the First Dormancy QTL Cloned from Weedy Rice</i>	Presentation 4: <u>MANN R.S.; LOUREIRO M.B., HILHORST H.W.M., DRUMOND M.A, FERNANDEZ L.G.; DE CASTRO, R.D.</u> <i>Stress Molecular Physiology of <i>Jatropha curcas</i> Seeds</i>
14:00-14:15	Presentation 5: <u>ARANA M.V., RODRIGUEZ M.V., STRASSER B., CERDÁN P., SÁNCHEZ R.A.</u> <i>Role of the Different Phytochromes in the Modulation of Germination Response to Gibberelins in <i>Arabidopsis</i> Seeds</i>	Presentation 5: <u>DIAS P.M.B., BRUNEL S., WAGNER M-H., HUGUET T., PROSPÉRI J.M., DÜRR C., TEULAT-MERAH B.</u> <i>QTL Analyses of Traits Relevant to Seedling Establishment in Relation to Response to Temperature in <i>Medicago truncatula</i></i>



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14:15-14:30	<p>Presentation 6: <u>BAZIN J.</u>, EL MAAROUF-BOUATEAU H., CORBINEAU F., BAILLY C.</p> <p><i>Sunflower Seed After-Ripening as Related to ROS Signaling and Gene Expression</i></p>	<p>Presentation 6: <u>SONG S.</u>, TIAN M., CHENG H.</p> <p><i>Changes in Respiratory Rates and Pathways and Reactive Oxygen Species Scavenging Enzymes in Mitochondria Involved in Desiccation Sensitivity of <i>Antiaris toxicaria</i> Axes</i></p>
14:30-15:00	<p><i>Coffee break</i></p> <p style="text-align: right;">Conference Center: Main Lobby</p>	
15:00-16:30	<p>Poster viewing (including glass of wine/beer)</p> <p style="text-align: right;">Conference Center: Lemon Hall</p>	
16:30-18:00	<p>ISSS Annual General Meeting</p> <p style="text-align: right;">Conference Center: Conference Hall</p>	
18:00-19:00	<p>ISSS New Executive Meeting</p> <p style="text-align: right;">Conference Center: Seminar Room 4</p>	
19:00-20:00	<p><i>Dinner</i></p> <p style="text-align: right;">Conference Center: Buffet</p>	
20:00-21:00	<p><i>Musical concert</i></p> <p style="text-align: right;">University Library, Main Hall, 2nd floor</p>	
Friday, 11 July 2008		
8:00-9:00	<p>Registration</p> <p style="text-align: right;">Conference Center: Main Lobby</p>	
	<p style="text-align: center;">Session XIII A: Seed Dormancy and Germination</p> <p style="text-align: center;">Oral presentations <i>Chair: Toshi Yoshioka</i> Conference Center: Conference Hall</p>	<p style="text-align: center;">Session XIII B: Seed Technology and Alternative Seed Uses</p> <p style="text-align: center;">Oral presentations <i>Chair: Stanisław Lewak</i> Conference Center: Crimson Hall</p>
9:00-9:15	<p>Presentation 1: <u>MATAKIADIS T.</u>, ALBORESI A., LACHAUD S., LEYDECKER M.T., SOTTA B., RENOUE J.P., TATEMATSU K., JIKUMARU Y., NAMBARA E., KAMIYA Y., MARION-POLL A., TRUONG H.N.</p> <p><i>Nitrate Interacts with ABA in Seed Dormancy in <i>Arabidopsis</i></i></p>	<p>Presentation 1: <u>ZIELIŃSKI H.</u></p> <p><i>Seeds Germination and Fermentation as Alternative Processes Offering New Products with Increased Antioxidant Power</i></p>



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9:15-9:30	<p>Presentation 2: <u>BOYCE D.E.</u>, <u>NEWTON R.J.</u>, BURKE A., KOLBERG H.</p> <p><i>Determination of <i>Salsola nollothensis</i> seed germination requirements for habitat restoration of Namibian sandy beaches</i></p>	<p>Presentation 2: <u>GUILLOT F.</u>, BAILLY C., <u>CORBINEAU F.</u></p> <p><i>Effect of Water Content of Barley Grains During Malting on Germination and Malt Quality</i></p>
9:30-9:45	<p>Presentation 3: <u>SAAVEDRA-CONTRERAS X.</u>, LORENZO O., MODREGO A., <u>GONZÁLEZ-GARCÍA M.P.</u>, <u>NICOLÁS G. RODRÍGUEZ D.</u></p> <p><i>An ABA-Regulated, Seed-Specific PP2C from <i>Fagus sylvatica</i> Interacts with a New Family of Plant Proteins</i></p>	<p>Presentation 3: <u>DE LESPINAY A.</u>, LEQUEUX H. LUTTS S.</p> <p><i>Seed Priming, Potential Uses in Revegetation Strategies and Underlying Mechanisms</i></p>
9:45-10:00	<p>Presentation 4: <u>ARGYRIS J.</u>, DAHAL P., TRUCO M.J., OCHOA O., STILL D.W., HAYASHI E., MICHELMORE R.W., <u>BRADFORD K.J.</u></p> <p><i>Genetic and Hormonal Regulation of Lettuce Seed Thermodormancy</i></p>	<p>Presentation 4: <u>MEKBIB F.</u></p> <p><i>Seed Quality, Storage, Protection and Security in Seed System of Sorghum in Ethiopia</i></p>
10:00-10:15	<p>Presentation 5: <u>PAWŁOWSKI T.</u></p> <p><i>Proteomics of Tree Seeds Dormancy Breaking and Germination</i></p>	<p>Presentation 5: <u>KĘPCZYŃSKI J.</u>, <u>KĘPCZYŃSKA E.</u>, <u>PIĘKNA-GROCHALA J.</u></p> <p><i>Physiological and Biochemical Aspects of Seed Matriconditioning</i></p>
10:15-10:30	<p>Presentation 6: <u>GERJETS T.</u>, <u>SCHOLEFIELD D.</u>, <u>FOULKES J.</u>, <u>LENTON J.</u>, <u>HOLDSWORTH M.</u></p> <p><i>Physiological Analysis of Wheat Seed Dormancy</i></p>	<p>Presentation 6: <u>KĘPCZYŃSKA E.</u>, <u>PIĘKNA-GROCHALA J.</u>, <u>PĘCHORZEWSKA M.</u>, <u>KĘPCZYŃSKI J.</u></p> <p><i>Mitotic Index (G2/G1) – An Early Marker of Matriconditioned Seed Vigour</i></p>
10:30-11:00	<p><i>Coffee break</i></p> <p>Conference Center: Main Lobby</p>	
	<p>Session XIV A: Seed Dormancy and Germination Oral presentations <i>Chair: Natalie V. Obroucheva</i> Conference Center: Conference Hall</p>	<p>Session XIV B: Germplasm Preservation Oral presentations <i>Chair: John Dickie</i> Conference Center: Crimson Hall</p>
11:00-11:15	<p>Presentation 1: <u>GEYER R.</u>, <u>KOORNNEEF M.</u>, <u>SOPPE W.A.</u></p> <p><i>Mutation in a <i>TFIIS</i> Transcription Elongation Factor Causes Reduced Seed Dormancy in <i>Arabidopsis</i></i></p>	<p>Presentation 1: <u>NIEDZIELSKI M.</u>, <u>WALTERS C.</u>, <u>LUCZAK W.</u>, <u>HILL L.M.</u>, <u>PUCHALSKI J.</u></p> <p><i>Variation of Seed Aging Rates Among Lines of Wheat, Rye and Triticale in Response to Storage Humidity</i></p>



CONFERENCE PROGRAM

11:15-11:30	<p>Presentation 2: <u>GUBLER F.</u>, TALBOT M., WHITE R., BARRERO-SANCHEZ J.M., JACOBSEN J.V.</p> <p><i>Molecular and Cellular Analysis of Coleorhizal and Seminal (Primary) Root Growth in Germinating Barley Grains</i></p>	<p>Presentation 2: <u>SERSHEN, VARGHESE B., BERJAK P., PAMMENTER N.W.</u></p> <p><i>A Physiological and Biochemical Assessment of the Effects of Dehydration and Cryopreservation on the Recalcitrant Embryonic Axes of Two Amaryllid Species</i></p>
11:30-11:45	<p>Presentation 3: <u>MERRITT D.J.</u>, FLEMATTI G.R., NELSON D., CHIWOCHA S., STEVENS J. C., GHISALBERTI E.L., SMITH S.M., DIXON K.W.</p> <p><i>KARRIKINS – A New Class of Germination Promoting Compounds</i></p>	<p>Presentation 3: <u>JOSHI G.</u>, KUMAR A. N.A., SETHY A.</p> <p><i>Desiccation Sensitivity and Detection of Changes in Macromolecular Structure by Fourier Transformation Infrared Spectroscopy in Recalcitrant Seeds of <i>Madhuca indica</i></i></p>
11:45-12:00	<p>Presentation 4: <u>PLUSKOTA W.E.</u>, ASAHINA M., CHAN T., SUN J., DAHAL P., VAN DEYNZE A., BRADFORD K., TAKEDA N., YAMAGUCHI S., KAMIYA Y., NONOGAKI H.</p> <p><i>Tissue-Specific Transcription Factors in Germinating Tomato Seeds</i></p>	<p>Presentation 4: <u>GÓMEZ-CAMPO C.</u>, GONZÁLEZ-BENITO M.E., PÉREZ-GARCÍA F.</p> <p><i>Viability and Dormancy of 72 Accessions Preserved for 39-40 Years in the UPM Crucifer Seed Genebank</i></p>
12:00-12:15	<p>Presentation 5: <u>VAZQUEZ-RAMOS J.M.</u></p> <p><i>Chromatin Immunoprecipitation (CHIP) Methodology to Study Cell Cycle Protein Interactions During Maize Germination</i></p>	<p>Presentation 5: <u>NAGEL M.</u>, JÄGER J., BÖRNER A.</p> <p><i>Longevity of Seeds Stored Under Ambient Conditions at the ex situ Genebank in Gatersleben</i></p>
12:15-12:30	<p>Presentation 6: <u>GENDREAU E.</u>, BARAD S., LEYMARIE J., CORBINEAU F.</p> <p><i>Cell Cycle Activity in Embryos of Barley Seeds During Germination as Related to Dormancy</i></p>	<p>Presentation 6: <u>SOANES J.A.</u>, MERRITT D.J., DIXON K.W., HOPPER S., HAY F.R.</p> <p><i>Storage Behaviour of Australian Terrestrial Orchid Seeds</i></p>
12:30-13:30	<i>Lunch</i>	
	Conference Center: Buffet	
13:30-14:00	Final Discussion	
	Conference Center: Conference Hall	
14:00-15:00	Closing Ceremony	
	Conference Center: Conference Hall	
15:00-17:00	<i>Farewell reception</i>	
	Conference Center: Main Lobby	