Main sponsors

We are grateful to the following main sponsors of the 76th IIRB Congress:

Thursday 7th June 2018

8.15 am  Bus departure to field day from Deauville
9.30 am  Arrival on the Neubourg plateau
  Visit of a flax cooperative
  ◊  Presentation of the culture
  ◊  Visit of a scutching factory
  ◊  Visit of a flax cultivating farm
12.45 pm  Departure to the Château du Champ de Bataille
1.00 pm  Lunch
          Free time for visit of castle or park
3.00 pm  End of Congress, bus departure to Roissy Airport or Paris

alternatively
4.00 pm  Departure to Deauville
5.30 pm  Arrival at the hotels in Deauville

In collaboration with

76th IIRB Congress
5 - 7 June 2018
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Tuesday 5th June 2018

8.30 am General Assembly of IIRB members
9.20 am JEAN-PIERRE VANDERGETEN: Presidential address

1 The French sugar beet sector: Technical focus and societies’ perception of progress
(Chairs: JEAN-PIERRE VANDERGETEN, ALEXANDRE QUILLET)

9.30 am HERVE MORIN (President, Normandy region): Political support of French regions of research and innovation in agriculture
9.50 am ERIC Laine (Vice-President, AIBS): Organisation of the French sugar beet sector facing the new non-quota era
10.10 am ALEXANDRE QUILLET (President, ITB): The positioning of ITB in the sector to enhance beet productivity
10.30 am Coffee break
11.00 am VINCENT LAUDINAT (ITB): AKER and SYPPRE, two sources of competitiveness for the future
11.20 am BRUNO DESPREZ (Florimond Desprez): Phenotyping with AKER
11.40 am CHRISTIAN HUYGHE (INRA): Societies’ perception of technical progress
12.00 am Lunch break

2 Improving yields through data capture
(Chair: VINCENT LAUDINAT)

1.30 pm ANNE-KATRIN MAHELIN (IFZ, D): Optical sensors for the detection of biotic and abiotic stress in sugar beet – principles and case studies from different scales
1.50 pm FABIENNE MAUPAS (ITB, F): High-throughput phenotyping of sugar beet crops using UAV-based multispectral imagery
2.10 pm AGATA KACZMAREK (Univ. Nottingham, UK): SporeID – innovative disease monitoring and automated diagnostics for improved efficiency of crop production

Poster session 1
2.30 pm - 3.30 pm (including coffee break)

3 Improving soil health and resilience in the sugar beet rotation
(Chair: HERBERT EIGNER)

3.30 pm DAVID TARKALSON (USDA-ARS, USA): Yield production functions of irrigated sugar beet in an arid climate
3.50 pm ABAZAR RAJABI (SBSI, IR): Effect of water deficit stress on physiological and biochemical traits of sugar beet genotypes
4.10 pm TAMARA FITTERS (Univ. Nottingham, UK): Root development of sugar beet under varying water availability
4.30 pm JENNIFER BUSSEL (Univ. Nottingham, UK): Identifying rooting traits for optimal nutrient uptake
4.50 pm REMY DUVAL (ITB, F): Legumes as cover crops preceding sugar beet. Impacts on N₂O emissions
5.10 pm HEINZ-JOSEF KOCH (IFZ, D): Sugar beet yield response to frequency of cultivation and preceding crop
7 pm Reception

Wednesday 6th June 2018

4 Tackling ongoing and future pest, disease and weed challenges
(Chair: MARK STEVENS)

8.30 am ERWIN LADEWIG (IFZ, D): Breeding progress and integrated pest management – case study Cercospora beticola
8.50 am JAY MILLER (Betaseed, USA): Sugar beet breeding progress of Cercospora resistant varieties in North America
9.10 am MELVIN BOLTON (USDA-ARS, USA): The new and improved cercosporin biosynthesis cluster from Cercospora beticola
9.30 am FREDERIC BOYER (ITB, F): An observatory network to monitor the durability of genetic resistance against rhizomania disease in France
9.50 am FRIEDRICH KOPISCH-OBUCH (KWS, D): Maintaining high levels of Rhizomania resistance in sugar beet cultivars

Poster session 2
10.10 am - 11.10 am (including coffee break)

Session 4 continued
(Chair: MARK VARRELAMANN)

11.10 am MARK STEVENS (BBRO, UK): The likely consequences and implications of growing sugar beet without neonicotinoid seed treatments
11.30 am LUCY JAMES (ADAS, UK): A novel pre-breeding strategy to reduce dependence on insecticides for virus yellows control in sugar beet
11.50 am ANDRE WAUTERS (IRBAB, B): Curtobacterium flaccumfaciens pv betae causing silvering disease in sugar beet
12.10 pm MARK VARRELAMANN (IFZ, D): Risk assessment for pesticide resistance in sugar beet pathogens, pests and weeds
12.30 pm BARBARA MANDERYCK (IRBAB, B): Challenges and new approaches in weed control in sugar beet
1 pm Lunch break

5 Open session
(Chair: JEAN-PIERRE VANDERGETEN)

2.30 pm LOTHAR FRESE (JKI, D): Genetic diversity of Pateliloftenia, a crop wild relative of cultivated beets
2.50 pm MITCH McGrath (USDA-ARS, USA): The EL10 sugar beet genome: Prospects for dissecting genetic control of everything
3.10 pm AXEL SCHECHT (Strube, D): Sugar beet breeding in a changing environment
3.30 pm Coffee break
4 pm MARTIJN LEUDEKKERS (IRSI, NL): Primed sugar beet seed: when stored for one year with moisture absorber or in the freezer, maintains vigour and active substances
4.20 pm CHRISTA HOFFMANN (IFZ, D): Storage losses of sugar beet as affected by harvesting system and variety
4.40 pm JOAKIM EKELÖF (NBR, S): Damage susceptibility and storage losses of sugar beet varieties from different environments
5 pm HENDRIK TSCHOEP (SESVanderHave, B): Post-harvest storability in Beta vulgaris: research and perspectives from SESVanderHave
5.20 pm Closing of technical sessions
7 pm IIRB Reception and congress dinner