Program

9:00  Welcome - Martijn Rep and Michael Freitag

Functional Genomics

9:05  Sung-Hwan Yun (Soonchunhyang University, Asan, Korea)
"Genomic analysis of the Fusarium graminearum species complex in Korea"

9:25  Christian Sieber (Helmholtz Zentrum München, Germany)
"Comparative analysis of noncoding sequences in the G. fujikuroi species complex"

9:45  Martin Urban (Rothamsted Research, Harpenden, UK)
"Characterization of the small cyp51 family and update on the F. culmorum genome"

10:00 Li Guo (University of Massachusetts, Amherst, USA)
"Reconstruction of Gene Regulatory Networks in Fusarium graminearum"

10:15 Kristina Smith (Oregon State University, Corvallis, USA)
"Chromatin territories in Fusarium"

10:30 – 11:00 coffee break

Gene Regulation, Secondary Metabolites and Development

11:00 Jörg Bormann (Biozentrum Klein Flottbek, Hamburg, Germany)
"The ATF/CREB transcription factor Atf1 is essential for full virulence, deoxynivalenol production and stress tolerance in Fusarium graminearum"

11:15 Frances Trail (Michigan State University, East Lansing, USA)
"Unraveling the genetics of perithecium form and function in F. graminearum"

11:30 Gopal Subramaniam (Agriculture and Agri-Food Canada, Ottawa, Canada)
"Leucine metabolism regulates Tri6 expression"

11:45 Simon IpCho (USDA ARS Cereal Disease Laboratory, St. Paul, USA)
"Innate Immunity in Fusarium graminearum"

12:00 Jose Espino (Westfälische Wilhelms-Universität Münster, Germany)
"In planta expression of secondary metabolite gene clusters in F. fujikuroi"

12:15 Bob Proctor (Mycotoxin Research Unit, ARS, USDA, Peoria, USA)
"Don't judge a book by its cover: uniform organization of the fumonisin biosynthetic gene cluster belies its complex evolutionary history"

12:30 – 2:15 lunch break

Pathogenicity, and Population Biology

2:15 Igor Grigoriev (DOE Joint Genome Institute, Walnut Creek, USA)
"The latest call for Community Sequencing Proposals from JGI"

2:30 Donald Gardiner (CSIRO Plant Industry, Brisbane, Australia)
"The Fusarium pseudograminearum genome: shaped by multiple events of lateral gene acquisition"
2:45 Nadia Ponts (INRA Centre de Bordeaux Aquitaine, Bordeaux, France)
"Fgap1-mediated response to oxidative stress in trichothecene-producing *Fusarium graminearum*

3:00 Sarah Schmidt (University of Amsterdam, The Netherlands)
"Expression of Fol genes during infection of tomato and the prediction of novel effector genes in the *Fusarium oxysporum* species complex"

3:15 David Turrà (University of Cordoba, Spain)
"RNA-seq reveals host signal-induced transcriptional reprogramming in *F. oxysporum*

3:30 Chris Rampitsch (Agriculture and Agri-Food Canada, Winnipeg, Canada)
"Comparative secretome analysis of *Fusarium graminearum* and two of its non-pathogenic mutants under nitrogen-limitation *in vitro*"

- short talks (5 min total)
- open discussion
- Fusigroup business