**WORKSHOP**

**"Genomic tools for berry pre-breeding material: from genome to new berry cultivars"**

Location:

Institut national de recherche pour l'agriculture, l'alimentation et l'environnement

(INRAE)

71 avenue Edouard Bourlaux

33140 Villenave d’Ornon – FRANCE

**Building A4**

**Agenda**

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| 08.30 | Registration |
| **09.00** | **Welcome**  Bruno Mezzetti, Università Politecnica delle Marche  Béatrice Denoyes, Institut National de la Recherche Agronomique |
| **09.10** | **tba**  Representative of European Commission (tbc) |
| Presentations by BreedingValue consortium partners (20 mins presentation + 5 min discussion) | |
| **09.40** | **The basis for utilizing molecular markers in breeding.**  Béatrice Denoyes, Institut National de la Recherche Agronomique and  Aurélie Petit, INVENIO |
| **10.05** | **An introductory walk-through of a genomic association study (GWAS).**  Jahn Davik, NIBIO - Norsk Institutt for Biookonomi |
| **10.30** | **On marker assisted selection.**  Iraida Amaya, Instituto Andaluz de Investigacion y Formacion Agraria Pesquera Alimentaria y de la Produccion Ecologica |
| 10.55 | Coffee break |
| **11.20** | **QTL detection and use in selective breeding.**  Daniel James Sargent, NIAB |
| **11.45** | **Data integration and linking of genomic, metabolomic and transcriptomic data using MapMan.**  Björn Usadel, Forschungszentrum Jülich |
| **12.10** | **The BreedingValue integrated data platform**  Elisa Senger, Forschungszentrum Jülich |
| **12.35** | **From genomes to New Breeding Techniques to obtain new resilient and quality cultivars.**  Bruno Mezzetti, Università Politecnica delle Marche |
| **13.00** | Lunch break |
| **14.30** | **An introductory hands-on to the application of genomic prediction.**  Juliette Benejam, Institut National de la Recherche Agronomique |
| Presentations by invited experts (30 mins presentation + 15 mins discussion) | |
| **15.00** | **Blueberry Public and VacCAP Genotypic and Phenotypic Resources: An Update**  Nahla Bassil, United States Department of Agriculture (USDA) - Agricultural Research Service (ARS) - National Clonal Germplasm Repository (NCGR) in Corvallis, Oregon |
| **15.45** | **An update on third-generation genomic and genotyping resources and insights gained from predictive breeding in strawberry.**  Steven J. Knapp and Mitchell Feldmann, University of California, Davis |
| **16.30** | **General discussion** |
| **17.00** | **End of the meeting** |

[**www.breedingvalue.eu**](http://www.breedingvalue.eu)

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