Scientific Program

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| **Monday 2nd**  **Scuola di Agraria, room XXXX –,** | | | | | |
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| **10.00-10.30** | | Luca Simone Cocolin, | | Welcome to Florence University and opening of the Summer school |
|  | | Luciana Giovannetti and Carlo Viti | |
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| **10.30-11.30** | | Carlo Viti | | Introduction to the Phenomics |
| **10.30-11.30** | | Enrico Tatti | | Phenotype MicroArray (PM): novelty and perspective |
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| **13.00-14.30** | | Lunch | |  |
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| **14.30-18.30** | | Francesca Decorosi/Enrico Tatti | | PM plates inoculation (bacteria, Gram positive and Gram negative) |
| **Tuesday 4th**  **Scuola di Agraria, room XXX** | | | | | |
| **9.00-12.30** | Francesca Decorosi/Enrico Tatti PM plates inoculum | | PM plates inoculation (yeast, mitochondria activity) | |
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| **12.30-14.30** | lunch | |  | |
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| **14.30-18.00** | Francesca Decorosi/Enrico Tatti | | Data acquisition (bacteria) | |
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| **Wednesday 5th**  **Scuola di Agraria, room C - Piazzale delle Cascine, 18** | | | |
| **9.00-10.00** | Francesca Decorosi/Enrico Tatti | Data acquisition (yeast, mitochondria activity) |
| **10.00-13.00** | Marco Galardini/ Alice Checcucci | Software installation |
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| **13.00-14.30** | Lunch |  |
| **14.30-18.00** | Alice Checcucci | Data analysis with DuctApe |

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| **Thursday 6th**  **Scuola di Agraria, room C - Piazzale delle Cascine, 18** | | | |
| **9.00-13.30** | Alice Checcucci | Data analysis with DuctApe |
| **12.30-14.30** | Lunch |  |
| **14.30-18.00** | Social event |  |
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| **Friday 7th**  **Scuola di Agraria, room C - Piazzale delle Cascine, 18** | | | | | | |
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| **9.00-12.00** | Marco Fondi | | | Metabolic models | | |
| **13.30** | | | Carlo Viti | Closing of Summer school | |
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**Speakers and Trainers**

Luca Simone Cocolin, Università degli Studi di Torino - Italy

Francesca Decorosi, University of Florence - Italy

Marco Fondi, University of Florence – Italy

Marco Galardini, Boston University -

Luciana Giovannetti, University of Florence - Italy

Enrico Tatti, Biolog Inc. - Usa

Carlo Viti, University of Florence - Italy

Alice Checcucci, University of Florence - Italy