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