



**8<sup>th</sup> International Course in Microbial Ecology**  
**MICROBIAL METAGENOME ANALYSIS:**  
**HANDS-ON TRAINING**  
**12-16 June 2017, Verbania**

**PROGRAM**

<i>Monday, June 12<sup>th</sup></i>	
9:00	<b>Opening and Welcome at the CNR- Institute of Ecosystem Study</b> by Gianluca Corno and Ester Eckert
9:15	<b>“Addressing biodiversity shortfalls using metagenomics”</b> <i>Lecture by Diego Fontaneto</i>
10:00	<b>Personal presentation of participants</b>
12:00	<b>Lunch</b>
13:00	<b>“Introduction to high performing computer clusters at CINECA”</b> <i>Lecture by Maurizio Cremonesi</i>
14:00	<b>Assembly hands-on training</b> <i>By Jean-François Flot and Andrea Franzetti</i>
18:00	<b>Daily summary and announcements</b>

<i>Tuesday, June 13<sup>th</sup></i>	
9:00	<b>Assembly practical course</b> <i>By Jean-François Flot and Andrea Franzetti</i>
12:00	<b>“The history of sequencing”</b> <i>Lecture by Jean-François Flot</i>
13:00	<b>Lunch</b>
14:00	<b>Metagenomics pipeline analysis: theory and practical - Part I</b> <i>By Andrea Franzetti and Jean-François Flot</i>
18:00	<b>Daily summary and announcements</b>

<i>Wednesday, June 14<sup>th</sup></i>	
9:00	<b>Metagenomics pipeline analysis: theory and practical - Part II</b> <i>By Andrea Franzetti and Jean-François Flot</i>
12:00	<b>“Metagenomics: current applications and case studies in microbial ecology”</b> <i>by Stefano Amalfitano &amp; Gian Marco Luna</i>
13:00	<b>Lunch</b>
14:00	<b>Metagenomics pipeline analysis: theory and practical - Part III</b> <i>By Andrea Franzetti and Jean-François Flot</i>
18:00	<b>Daily Summary and announcements</b>



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<i>Thursday, June 15<sup>th</sup></i>	
9:00	<b>Metagenomics pipeline analysis: theory and practical - Part IV</b> <i>By Andrea Franzetti and Jean-François Flot</i>
12:00	<b>“Metatranscriptomics to explore the functional diversity of microbial eukarya”</b> <i>Lecture by Marianela Girlanda &amp; Roland Marmeisse</i>
13:00	<b>Lunch</b>
14:00	<b>Metagenomics pipeline analysis: theory and practical - Part V</b> <i>By Andrea Franzetti and Jean-François Flot</i>
18:00	<b>Daily Summary and announcements</b>

<i>Friday, June 16<sup>th</sup></i>	
9:00	<b>Excursion to Lake Mergozzo “La Rustica” Beach</b>
	<b>Roundtable: final remarks and brainstorming on personal experiences</b>
12:00	<b>Closing</b>

From **Mergozzo** train Station to **Milano Porta Garibaldi**: train at 12:20 - 14:20 -16:20  
 (9,20 euro; duration 1,51 hour; type regional train with all stops)

More info: [www.trenitalia.it](http://www.trenitalia.it)