

General Information

Venue
University of Milan
Via Festa del Perdono, 7
20122 Milan (Italy)

Date
14-18 June 2015

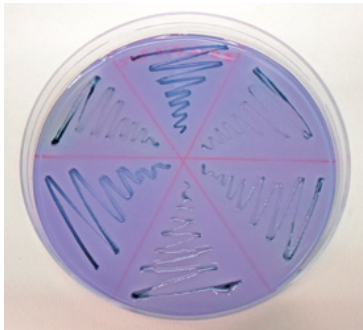
Conference Chair
Daniele Daffonchio
University of Milan
Department of Food, Environmental and Nutritional Sciences
via Celoria 2 • 20133 Milan (Italy)
&
King Abdullah University of Science and Technology (KAUST)
BESE, Biological and Environmental Sciences and Engineering Division
Thuwal, 23955-6900 (Kingdom of Saudi Arabia)

Registration Fees	until 19 April 2015	from 20 April 2015
Student	395 EUR	445 EUR
Regular	495 EUR	545 EUR

Social Program
Welcome Reception, conference participant, 14 June 2015 included 20 EUR
Welcome Reception, accompanying person, 14 June 2015 20 EUR
Tour Milan, 17 June 2015 20 EUR
Social Evening, 17 June 2015 50 EUR

The number of participants will be limited – please register early.

Professional Congress Organizer
Conventus Congressmanagement & Marketing GmbH
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Welcome to Milan

Milan is the second largest city in Italy and holds a strong reputation in several areas, but is mostly known for fashion, culture and art as well as its traditional Italian cuisine.

Milan and its surrounding areas offer a wide range of museums and historical places. Whatever your taste, you can be sure to find what you are looking for, from major picture galleries housing masterpieces: not just from Italy but from all over the world - to museums of science and technology, from private art galleries to house museums and from company museums to permanent exhibitions dedicated to celebrating design. Milan also hosts major art exhibitions, both classic and modern, in some fantastically picturesque locations.

Churches, abbeys, districts, monuments and buildings represent century after century of Milan's history. Treasures large and small, often unheard of and expressions of often tormented times.

We invite you to come and discover the heritage that the great architects, painters, sculptors and talented craftsmen have donated to history and art. The new districts exist alongside those from ancient and distinctive times, creating a unique link between then and now.

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Milan welcomes the EXPO

Expo Milano 2015 is a non-commercial universal exposition with some very unique and innovative features. Not only is it an exhibition but also a process, one of active participation among a large number of players around the theme of Feeding the Planet, Energy for Life.

It is sustainable, technological, thematic and focused on its visitors. Open from May 1 to October 31, 2015, the Expo will host over 130 participants. Running for 184 days, this giant exhibition site, covering one million square meters, is expected to welcome over 20 million visitors.

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BAGECO 13

13th Symposium on Bacterial Genetics and Ecology



THE MICROBIAL CONTINUITY ACROSS CHANGING ECOSYSTEMS

14-18 June 2015
Milan, Italy

www.bageco2015.org



Invitation & Welcome Note



Dear Colleagues

The changing environments hide microbial continuities that are actually dissected following the novel approaches integrating 'metaomics' and novel cultivation based strategies. The 13th meeting on Bacterial Genetics and Ecology (BAGECO) intends to provide a forum for discussing all the aspects related to such microbial continuities along changing environments including large and small-scale gradients, chemoclines and environmental transitions. Biotic gradients, like those in the animal gut, and abiotic ones, where physico-chemical variations occur, as well as the combination of the two in relation to any complex ecosystems will be central focuses of the conference.

We are pleased to welcome some of the most renowned scientists in microbial ecology to discuss all these aspects in relation to the most complex environments of earth including, among others, soil, sediments, the symbiotic ecosystems associated to plant, animals and humans, the aquatic ecosystems and the role of microbes and their metabolism in the protection of the environment. The conference debate will be also discussing the advancement on our understanding of the role of gene flow and on how passing from empirical approaches to dissect microbial community functions to establishing the theories that rule out the microbial world and finally the functioning of earth.

We hope you will join BAGECO 13 to report and learn about these topics and to enjoy the social networking with the scientific microbial ecology community in the wonderful city of Milan.

We are looking forward to welcoming you to Milan.

Professor Dr. Daniele Daffonchio
Conference Chair

Major Topics and Call for Abstracts

Microbial diversity and functioning in the soil ecosystem

This session aims to discuss the interplay between gradients and interfaces and the microbiome in the soil microniches, and how they shape the overall soil microbial diversity and functioning.

Symbiosis as a driving force of ecosystems

The interfaces between host tissues and the environment are the 'space' where symbiotic relationships develop. Session 2 aims to discuss the role of symbiosis in shaping and regulating ecosystems.

The food to gut microbial continuity

The food and the gut microbiome are strictly connected major factors contributing to host fitness. Session 3 aims to discuss such interfaces between food, the gut microbiome and the host immune system.

Adaptation and the role of HGT

Session 4 is aimed to discuss the role of HGT in shaping the diversity and function of microbial communities adapting to gradients and the changing environments.

Gradients in conventional and extreme habitats

Environmental gradients and transitions characterize all the habitats and ecosystems. This session is aimed to focus on the efforts to understand how they shape microbial assemblages and the ecosystem functioning.

Novel biodegradation pathways along spatial gradients

Pollutants distribute along changing environmental niches. Session 6 aims to discuss the currently understood biodegradation pathways as well as previously unrecognized catabolic reactions.

Constructed microbial communities as a tool in microbial ecology

Artificial microbial assemblages run under nearly fully controlled conditions are increasingly used in microbial ecology studies. Session 7 aims to frame their role in studying gradients and the changing ecosystems.

From microbial communities to single cells and back

The 'Omic technologies' are revolutionizing microbial ecology. Here, the methodological perspectives to study the changing environment and address ecological theories are discussed.

Call for Abstracts

Potential authors are invited to submit an abstract (length max. 2.000 characters), related to one of the mayor topics. An international review panel will review the abstracts according to scientific content and suitability for the conference. A limited number of abstracts will be accepted for oral or poster presentation.

Online submission of abstracts at www.bageco2015.org.

Deadline: 15 February 2015

Committees

Local Organizing Committee

Sara Borin
Francesca Cappitelli
Lucia Cavalca
Anna Corsini

Elena Crotti
Daniele Daffonchio
Francesca Mapelli
Federica Troiano

International Scientific Committee

Mark Bailey (Great Britain)
Marco Bazzicalupo (Italy)
Gabriele Berg (Austria)
Janet Jansson (United States)
Amalia Karagouni (Greece)
Ines Mandic-Mulec (Slovenia)
James Prosser (Great Britain)
Pascal Simonet (France)

Kornelia Smalla (Germany)
Christoph C. Tebbe (Germany)
James Tiedje (United States)
Jan Dirk van Elsas
(The Netherlands)
Timothy M. Vogel (France)
Elizabeth Wellington (Great Britain)

Confirmed Invited Speakers:

Claudio Bandi (Italy)
Gabriele Berg (Austria)
Paola Bonfante (Italy)
Nico Boon (Belgium)
Manuel Ferrer Martinez (Spain)
Noah Fierer (United States)
Ferran Garcia-Pichel (United States)
Marco Gobetti (Italy)
Janet Jansson (United States)
Reiner Meckenstock (Germany)
Won-Jae Lee (South Korea)
Kornelia Smalla (Germany)
Roman Stocker (United States)
James M. Tiedje (United States)

Sponsors and Industrial Exhibition

Scientific Sponsors



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DI MILANO

Industrial Exhibition

The international symposium will be accompanied by a specialized industrial exhibition. Interested companies are invited to request information on the exhibition modalities from the conference organization Conventus.