FOOD OF THE FUTURE | FUTURE OF FOOD

AMERICAN ACADEMY OF ARTS & SCIENCES

November 18 | Entrance 200 Beacon Street | Somerville | 6:00-8:30

Italy will host the **2015 World** Exposition in **Milan** under the main theme '*Feeding the planet*. Energy for life'. The event represents *an opportunity* to share strategies and **problem solving** styles with regards to food security and ***sustainable*** access to nutrition as well as to showcase industrial innovation in this field. The ***Greater Boston Area***, with its prestigious universities and *state-of-the-art* research centers, is a favorite amongst places *for reviewing the most* recent ***applications*** that could be employed in the agro-food sector, always taking into consideration a sustainable context. The aim of this *symposium is to connect cutting-age* technologies, developed within many different disciplines, with food and ***nutrition perspectives.***

Challenges and Perspectives for an Inclusive and Sustainable Access to Food |Fabio Marazzi | If nine hundred million people suffer from malnutrition while an equal number suffer the effects of overeating and a poorly disciplined diet, it is clear that the theme of safe, healthy eating is a truly global issue that directly or indirectly involves most of the earth's population. To provide responses to these increasingly pressing issues, EXPO 2015 wants to be the occasion to represent excellence in the methods, techniques and rules of food production, in strategies for achieving energy savings in food production and in the rational use of renewable energy resources and the conservation of natural resources.

Living Materials for Food Safety I Fiorenzo Omenetto I The use of biomaterials for technological applications has been introduced over the past few years. Among these, silk is finding new applications as a useful biocompatible, edible material platform with utility in high technology applications. We will overview how purified silkworm silk can be reassembled, among other things, in a multitude of high quality, micro- and nanostructured optical and illustrate the implication of a new class of "living materials" that can affect our daily lives, from the way we administer drugs, to the way we consume food.

Consolato Generale d'Italia
Boston

EXPO MILANO 2015

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