

HYST technology: from waste to food and energy for all

International Book Fair of Turin, Salone OFF at the Villa Amoretti City Library, Corso Orbassano, 200 Torino.

12 May 2012, at 15.30, the Villa Amoretti City Library in Turin will host the conference on *HYST technology: from waste to food and energy for all*.

The theme of the day is "waste". Waste is "what society discards, the rejects; abandoned industrial buildings; censored literary or musical texts. But it is also waste recycled" (<http://www.salonelibro.it/it/salone/salone-off.html>).

HYST technology fits precisely the theme of innovative uses of waste.

Engineer Pier Paolo Dell'Omo, La Sapienza University of Rome – DIAEE (Department of Astronautical, Electrical and Energy Engineering) and Dr. Francesca Luciani, Istituto Superiore di Sanità – CRIVIB (Centre for Immunobiological Research and Evaluation), will illustrate how HYST technology works and its potential applications in food, feed and energy sectors.

This technology can process milling industry waste at very low cost and with no environmental impact, obtaining food which is totally new for its nutritional value and vitamin and mineral content. From agricultural residues, instead, HYST produces feed and "base products", which are processed into biofuel at low costs.

With HYST, therefore, waste becomes a source of food and sustainable energy.

This technology was the subject of a conference held on 23 February 2012 at the Rome 1 CNR Centre (National Research Council). In addition, on 4 May 2012 at the European Flour Millers Congress organised by Italmopa, Dr. Vito Pignatelli, Coordinator Biomass and Bioenergy Technologies (ENEA) cited HYST technology as an example of advanced Italian technology in the use of cereal straws for energy purposes. Currently cereal straws are not considered a good with its own value but a "waste" to be disposed of.

The inventor of this revolutionary technology is Umberto Manola, whose research was funded by the *Scienza per l'Amore Association*. On the occasion of the Turin conference, a book will be presented which unfolds the history of the Association, the vicissitudes related to HYST technology and the *Bits of Future: Food for All* project linked to it. A humanitarian project that aims to make HYST available to developing countries, beginning with Africa.

Barbara Carrubba
External Relations
mob. 0039 348 0621305

Tatiana Crisafulli
Press Office
mob. 0039 3498648883

Scienza per Amore Association

Tel. 06 4190342

fax 06 41405710

press@scienzaperlamore.it

www.scienzaperlamore.it