

## THURSDAY, MAY 15

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### PLENARY SESSION

(with simultaneous Italian-English translation)

9,00

*REGISTRATION*

9,30

**CONFERENCE OPENING CEREMONY**

AUTHORITIES' WELCOME

### INTRODUCTION OF IENICA

**MELVYN ASKEW**

*IENICA Project Co-ordinator*

### KEYNOTE PRESENTATIONS:

*chairman:*

**G. VENTURI**

*Dep. of Agro-environmental Science and Technology, University of Bologna, Italy*

10,00

**Non - food crops in South Europe**

**P. DE CASTRO**

*University of Bologna, Italy*

10,30

**EU-financed research on non-food crops: past and future**

**C. MANGAN**

*European Commission*

10,50

*Coffe break*

11,20

**Renewable bioproducts from agricultural resources**

**S. PALMIERI**

*Research Institute for Industrial Crops, Bologna, Italy*

11,40

**Industrial crops and the role of diversification in EU agriculture**

**G. CEDDIA**

*Central Science Laboratory, York, UK*

12,00

**Environmental impact of products from industrial crops compared to conventional ones - an overview**

**S. O. GÄRTNER, G. REINHARDT**

*Inst. for Energy and Environmental Research, Heidelberg, Germany*

12,20

**Discussion and conclusion of keynote presentations**

*chairman:*

**M. ASKEW**

*Central Science Laboratory, York, UK*

## DYES OR COLORANTS

chairman:

**A. FALISSE**

- 14,30 **Keynote: Potential and limits for natural dyes production in Europe**  
**A. FALISSE**  
*Crop Production, Gembloux Agricultural University, Belgium*  
**C. SCUBLI**  
*CEPAM, Gembloux Agricultural University, Belgium*
- 15,00 **Natural dyes: textile market trend in Europe**  
**S. PANCONESI**  
*P.A.I. - Natural color, Prato, Italy*
- 15,20 **Spindigo – A new way of producing indigo**  
**P. JOHN**  
*School of Plant Sciences, University of Reading, UK*  
**L. G. ANGELINI**  
*Dep. of Agronomy and Management of Agro-ecosystem, Pisa, Italy*
- 15,40 **Vegetable dyes in biobulding and artistic handicraft**  
**R. MOSCA**  
*Spring color, Ancona, Italy*
- 16,00 **Natural colours and natural extracts in food products**  
**L. CARINELLI, C. ACQUATI**  
*Biochim Srl, Milan, Italy*
- 16,20 PANEL DISCUSSION AND REMARKS
- 17,00 *END OF 1<sup>ST</sup> DAY*

## NATURAL FIBRES

chairman:

**R. KOZLOWSKI**

- 14,30 **Keynote: Future prospects in usage of natural renewable raw materials**  
**R. KOZLOWSKI, M. RAWLUK, J. BARRIGA, M. MACKIEWICZ-TALARCZYK, J. WASKO**  
*Inst. of Natural Fibres, Poznan, Poland*
- 15,00 **Prospects of hemp utilization in the European textile industry**  
**D. LIBERALATO**  
*Zignago Tessile Spa, Venezia, Italy*
- 15,20 **Hemp Sys: a sustainable production system for hemp textiles**  
**S. AMADUCCI**  
*Inst. of Agronomy, University of Piacenza, Italy*  
**G. VENTURI**  
*Dep. of Agro-environmental Science and Technology, University of Bologna, Italy*
- 15,40 **Hemp chain for fashion: first Italian experience**  
**C. BOTTA**  
*Italian Hemp Consortium, Milan, Italy*
- 16,00 **Harvesting chains for fibre crops**  
**P. VENTURI**  
*Dep. of Agricultural Economics and Engineering (Deiagra), Univ. of Bologna, Italy*  
**W. HUISMAN**  
*Dep. of Agrotechnology and Food Science, Wageningen University, The Netherlands*
- 16,20 **Pretreatment and storage of fibre crops**  
**W. HUISMAN**  
*Dep. of Agrotechnology and Food Science, Wageningen University, The Netherlands*  
**P. VENTURI**  
*Dep. of Agricultural Economics and Engineering (Deiagra), Univ. of Bologna, Italy*
- 16,40 **Suitability of non-wood fibres for the paper industry**  
**G. CAPRETTI**  
*Experimental Station for Cellulose and Paper, Milan, Italy*
- 17,00 *END OF 1<sup>ST</sup> DAY*

## FRIDAY, MAY 16

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### NATURAL FIBRES

chairman:

**A. VIKNA**

- 9,30            **Vegetal fibres as multipurpose material**  
**S. COSENTINO**  
*DACPA – Agronomic Section, University of Catania, Italy*
- 9,50            **Natural fibres in biobuilding for healthy housing**  
**O. ZACCANTI**  
*National Association for Bio-ecological Architecture, Milan, Italy*
- 10,10          **The use of natural fibres in the European automotive industry**  
**Y. WUYTS**  
*Procotex Corporation NV s.a., Belgium*
- 10,50          *Coffe break*
- 11,20          **Flax fibers as polymer composite reinforcement**  
**M. SCANDOLA, E. ZINI**  
*Dep. of Chemistry 'G. Ciamician', University of Bologna, Italy*
- 11,40          **Kenaf: a non-food multi-purpose crop for Southern Europe**  
**E. ALEXOPOULOU, M. CHRISTOU**  
*Center for Renewable Energy Sources (CRES), Pikermi, Greece*
- 12,00          **Properties of technical textiles based on low-melting PET and short flax fibre**  
**M. SOIELA, A. VIKNA**  
*Dep. of Polymer Materials, Tallinn Technical University, Estonia*
- 12,20          **Home furnishing textiles and natural fibres – Trends and megatrends**  
**M. PRETI, L. SAMMARTIN**  
*G.T. Design, Bologna, Italy*
- 12,40          **PANEL DISCUSSION AND REMARKS**  
chairmen:  
**R. KOZLOWSKI, A. VIKNA**

## INDUSTRIAL OILS

chairman:

**G. RIVA**

- 9,40      **Keynote: From oilseeds to industrial products: present and next future of oleochemistry**  
**P. BONDIOLI**  
*Experimental Station for Oils and Fats, Milan, Italy*
- 10,10      **Standardization of vegetable oil**  
**G. RIVA**  
*Marche Polytechnic University, Ancona, Italy*
- 10,30      **Contribution of soil to CO<sub>2</sub> balance in industrial oilcrop productions**  
**S. BONA, G. MOSCA, L. RIELLO, T. VAMERALI**  
*Dep. of Environmental Agronomy and Vegetable Productions, University of Padua, Italy*
- 10,50      *Coffe break*
- 11,20      **Growing non-food sunflower in dryland conditions**  
**M. MONOTTI**  
*Dep. of Agro-environmental and Crop Sciences, University of Perugia, Italy*
- 11,40      **Can we cultivate erucic acid in Southern Europe?**  
**S. BONA, G. MOSCA, F. ZANETTI, T. VAMERALI**  
*Dep. of Environmental Agronomy and Vegetable Productions, University of Padua - Italy*
- 12,00      **Evaluation of species of Brassica oilseeds as industrial oil crops for the Mediterranean area**  
**G. DE MASTRO, V. MARZI**  
*Dep. of Vegetable Production Sciences, University of Bari, Italy*  
**P. AVATO**  
*Pharmacological-Chemical Department, University of Bari, Italy*
- 12,20      **Chemical technologies and products from renewable sources: recommended use in industrial/agricultural lubricants and chemical auxiliaries**  
**F. BUCELLI**  
*Houghton Italia Spa, Genoa, Italy*
- 12,40      PANEL DISCUSSION AND REMARKS

## GREEN CHEMISTRY

chairman:

**F. TRIFIRÒ**

- 14,30 **Keynote: The green revolution for chemistry: actuality and perspectives**  
**C. GESSA**  
*Dep. of Agro-environmental Science and Technology, University of Bologna, Italy*  
**F. TRIFIRÒ**  
*Dep. of Industrial and Materials Chemistry, University of Bologna, Italy*
- 15,00 **Glucosinolates and cancer prevention**  
**P. HRELIA, C. FIMOIGNARI, G. CANTELLI-FORTI**  
*Dep. of Pharmacology, University of Bologna, Italy*
- 15,20 **Utilization of vegetable raw materials in cosmetics**  
**D. DEGLI ESPOSTI, F. BACCHIERI**  
*Guaber Spa, Bologna, Italy*
- 15,40 **Natural compounds and plant protection**  
**V. DOURTOGLOU**  
*Member of Advisory Board of Vioryl SA, Greece*
- 16,00 *Coffè break*
- 16,30 **Bioplastic from starch: an economically and enviromentally sustainable reality**  
**C. BASTIOLI, M. VERSARI**  
*Novamont Spa., Novara, Italy*
- 16,50 **Glucosinolate-containing plants in biofumigation: new perspectives**  
**L. LAZZERI**  
*Research Institute for Industrial Crops, Bologna, Italy*
- 17,10 **Antimicrobial activity of plant essential oils**  
**B. BIAVATI, R. PICCAGLIA, M. MAROTTI**  
*Dep. of Agro-environmental Science and Technology, University of Bologna, Italy*
- 17,30 **Botanical derivatives in the pharmaceutical field: new perspectives**  
**P. MORAZZONI**  
*Indena Spa, Milano, Italy*
- 17,50 PANEL DISCUSSION AND REMARKS
- 18,10 **PLENARY SESSION**  
  
PANEL DISCUSSION, FINAL REMARKS AND SYMPOSIUM CONCLUSIONS  
chairman:  
**M. ASKEW**  
*Central Science Laboratory, York, UK*
- 18,30 *END OF SYMPOSIUM*