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XXXXIII

International Apicultural Congress
29 September — 04 October 2013
Kyiv, Ukraine



Discover the European Honeyland

Apimondia
Kyiv, Ukraine 2013

Scientific Program

BEYOND THE HIVE: BEEKEEPING
& GLOBAL CHALLENGES

*Oral presentation abstracts
& poster list*

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Afternoon Session : Symposium 2
Chair: Huw Evans, Tetyana Kalna-Dubinyuk

Time	Author	Co-author(s)	Topic	Country
14:30-14:50	Andriy Getya	Olena Alshanova, Eugen Tarasenkov	DEVELOPMENT OF MODERN BEEKEEPING IN UKRAINE	Ukraine
14:50-15:10	Lihong Chen	Wu Jue, Zhang Fuxing, Wu Bao Feng, Wang Jiangmei, Bai Yang	CHINA APICULTURE : CURRENT SITUATION AND DEVELOPMENT PLAN	China
15:10-15:30	Nurlan Toktarov		DEVELOPMENT OF APICULTURAL SCIENCE AND PRODUCTION CENTER IN KAZAKHSTAN	Kazakhstan
15:30-15:50	Ahmed Abdelaal	Makram Attia	THE IMPACT OF GOVERNMENT LEGISLATION IN THE FIELD OF BEE QUEENS RECIPES AND PRODUCTIVITY IN EGYPT	Egypt
15:50-16:10	Walter Haefeker	Ignacio Chapela	GLOBAL MAP OF PRESENCE OF GMOS AND GENE FLOW USING HONEY SAMPLES	Italy
16:10-16:30	Huw Evans	Sandra Evans	REMOTE HIVE MONITORING	UK
16:30-17:00	<i>Break</i>			
17:00-17:20	Pérez Piñeiro Adolfo	Arregui Martínez Miguel Angel	CUBAN BEEKEEPING DEVELOPMENT PROGRAM ADVANCES IN THE LAST TWO YEARS	Cuba
17:20-17:40	Miguel Vilas-Boas	Mário Gomes, João Casaca, Manuel Gonçalves, Paula Cabo, Luís Dias	THE EVOLUTION AND CURRENT STATUS OF ORGANIC BEEKEEPING IN PORTUGAL	Portugal
17:40-18:00	Lionels Segul Goncalves	Herica Girlane Tertulino Domingos, Daiana Da Silva Sombra, Valdemar Belchior Filho	THE INFLUENCE OF DROUGHT OF 2012 IN BEEKEEPING OF RIO GRANDE DO NORTE, BRAZIL	Brazil
18:00-18:20	Ramesh Pratap Singh	Sonika Saloni	RESPONSE OF MAHUA (BASSIA LATIFOLIA ROXB.) FLOWER SQUASH FEEDING TO HONEY BEE (APIS MELLIFERA) COLONY IN FLORAL DEARTH	India
18:20-18:40	Roza Tsarukyan		CONTEMPORARY STATE OF BEEKEEPING IN ARMENIA	Armenia

Thursday, 3 October

Afternoon session: Plenary
Chair: Dinh Quyet Tam, Olga Yatsenko

Time	Author	Co-author(s)	Topic	Country
14:30-14:50	Riccardo Jannoni-Sebastianini		ANALYSIS OF THE NEED FOR A NEW PERCEPTION OF AN AUGMENTED DIMENSION OF BEEKEEPING AND THE ROLE OF APIMONDIA, THE INTERNATIONAL FEDERATION OF BEEKEEPERS' ASSOCIATIONS, TO SUPPORT IT	Italy
14:50-15:10	Valentin Goncharov	Alexandr Papchenko, Anna Rudova	MODERN TENDENCIES OF BEEKEEPING DEVELOPMENT IN UKRAINE	Ukraine
15:10-15:30	Walter Haefeker		IMPACT OF GMOS ON THE BEEKEEPING SECTOR: STILL NEGLECTED IN RESEARCH, WIDELY IGNORED IN REGULATION, UNTAPPED POTENTIAL FOR MONITORING	Germany

The program foresees also a national bees selection project and honey flora improvement looking climate changes and the high frequency of extreme meteorological events which frequently affect Cuba.

The Evolution And Current Status Of Organic Beekeeping In Portugal

Organization: Mountain Research Centre (CIMO), Polytechnic Institute of Bragança

Address: Campus S. Apolónia, apt 1172, Bragança, 5300-855, Portugal

+351273303382, cimo@ipb.pt

Assist. Prof. Dr. Miguel Vilas-Boas

Assist. Prof. Dr. Paula Cabo

Assist. Prof. Dr. Luís Dias

Organization: National Federation of Portuguese Beekeepers, FNAP

Address: Av. Colégio Militar, 1786, Lisboa, 1549-012, Portugal

+351919678771, info@fnap.pt

Mr. Mário Gomes

Mr. João Casaca

Mr. Manuel Gonçalves

The Portuguese beekeeping sector is one of the most resilient and persistent farming activities in the last decade. In the last five years, the figures reveal a counter cycle behavior with an increment in the number of colonies, apiaries and beekeepers, as shown in the National Beekeeping Program: there are 16.403 beekeepers with a total of 550.757 colonies. Following the same positive trend, the conversion from conventional to organic production as evolved in the period 2004/2012, from 738 up to 28.607 colonies (5% of the beekeeping sector), with a estimated production of 570 tons of certified honey, corresponding to an income of € 1.800.000. Even so, these figures are still below other European countries with similar environment potentialities like Italy, where the organic beekeeping represents more than 100.000 colonies (8% of total colonies) and even below the 7.6% that the organic farming represents in the Portuguese agriculture, which would be equivalent to more than 42.000 colonies.

The sector organization and professionalization, the country natural resources (diverse nectar flows of high value) and the additional value given to organic products were expected to be self-sufficient factors for a sustainable enhancement of the number of organic beekeepers. However, it is been clear from the Portuguese experience that those key factors do not work alone without a continuous promotion of the production mode, focusing in the certification procedure, the specificities of beekeeping management and in the market approach: the distribution of Portuguese organic beekeepers is more concentrated in areas where the local organizations are more proactive towards the organic production. Additionally, it is interesting to notice that the profile of the organic beekeeper reveal some particularities: it is younger, with an academic background, frequently a degree in natural sciences or technologies complemented by specific beekeeping training. The interest for organic beekeeping, which represents the main income, arose from the commercial advantages, the environment protection but also from the influence of the local organization. More than 90% of the present Portuguese organic beekeepers are strongly engaged with the production mode, but highlight as the weakest points the efficacy and limitations of varroa treatments and a market value below their expectations.