









## AGRICULTURAL HIGHER EDUCATION IN THE 21ST CENTURY

A global challenge in knowledge transfer to meet world demands for food security and sustainability (Zaragoza, Spain, 15-17 June 2015)

# <u>Programme</u>

# Sunday 14 June

20:00 - 22:00 Welcome reception

# Day 1 - Monday 15 June

8:30 - 9:00	Registration and documentation
9:00 - 9:45	OPENING SESSION
9:00 – 9:05	Masum BURAK. President of the Governing Board, International Centre for Advanced Mediterranean Agronomic Studies (CIHEAM)
9:05 – 9:10	Ilan CHET. Deputy Secretary General for High Education and Research, Union for the Mediterranean (UfM)
9:10 – 9:15	Simon HEATH. Secretary General, Association for European Life Science Universities (ICA); Global Confederation of Higher Education Associations for Agricultural and Life Sciences (GCHERA)
9:15 – 9:20	Manuel J. LÓPEZ PÉREZ. President of the Conference of Rectors of Spanish Universities (CRUE). Rector, University of Zaragoza (Spain)
9:20 – 9:35	Presentation of the OECD Co-operative Research Programme on Biological Resource Management for Sustainable Agricultural Systems Rafael BLASCO. Scientific Advisory Board of the OECD Co-operative Research Programme on Biological Resource Management for Sustainable Agricultural Systems. Department of Biotechnology, INIA (Spain)
9:35 – 9:45	Presentation of the Conference Ervin BALAZS. Director, Centre for Agricultural Research at Martonvásár; Hungarian Academy of Sciences (Hungary)
9:45 - 14:30	SESSION I: CHALLENGES FOR AGRICULTURE IN THE XXI CENTURY Chairperson: Ilan CHET (UfM)
9:45 – 10:30	Agriculture in the XXI Century Catherine MOREDDU. OECD Trade and Agriculture Directorate
10:30 - 11:00	Coffee break
11:00 – 11:30	Main drivers in agricultural research and education to secure food supply and assure sustainability Inés MINGUEZ. Research Centre for the Management of Agricultural and Environmental Risks (CEIGRAM). Technical University of Madrid (UPM) (Spain)
11:30 – 12:00	Developing sustainability competence and 21st century capacities through Transformative Agricultural Education Arjen WALS. UNESCO Chair Social Learning Sustainable Development. Wageningen University (The Netherlands)
12:00 – 12:30	Ethical issues in agricultural production and education  David KNAUFT. University of Georgia (USA)
12:30 - 14:00	Lunch
14:00 - 14:30	Student view: Attractiveness and employability Lisanne MEULENDIJKS. Vice-President of Communication, International Association of Agricultural Students (IAAS) (Belgium)











## International Conference

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# Day 1 - Monday 15 June (cont.)

14:30 – 17:15	SESSION II: ARE CURRENT AGRICULTURAL EDUCATIONAL MODELS SUITABLE TO MEET GLOBAL CHALLENGES?  Chairperson: Masum BURAK (CIHEAM)
14:30 – 14:45	Case studies: Asia Shuichi ASANUMA. International Cooperation Center for Agricultural Research, Nagoya University (Japan)
14:50 – 15:05	Case studies: Oceania Holger MEINKE. Director of Tasmanian Institute of Agriculture, University of Tasmania (Australia)
15:10 – 15:25	Case studies: Latin America José A. ZAGLUL. President of the Earth University (Costa Rica)
15:30 – 15:45	Case studies: North America John KENNELLY. President, Global Confederation of Higher Education Associations for Agricultural and Life Sciences (GCHERA) (Canada)
15:50 – 16:15	Coffee break
16:15 – 16:30	Case studies: Europe 1 Astrid BALLESTA. Member of ICA Board. Vice-Rector for International Relations and Cooperation, University of Lleida (Spain)
16:35 – 16:50	Case studies: Europe 2 Piotr STYPINSKI. Warsaw Agricultural University (Poland)
16:55 – 17:10	Case studies: Northern African Countries Elies HAMZA. Director, Institut National Agronomique de Tunisie (INAT); Institution de la Recherche et de l'Enseignement Supérieur Agricoles (IRESA) (Tunisia)
17:15 – 18:45	General Discussion: Agricultural Core Curricula for BS + MSc + PhD cycles: Signposts for the future  Facilitators: María NAVARRO (University of Georgia, USA), Simon HEATH (ICA, GCHERA)
18:45	Transportation to Zaragoza city (bus)



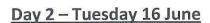




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9:00 – 15:00	SESSION III: ADDRESSING THE NEEDS AND CHALLENGES FOR INNOVATION IN AGRICULTURAL CURRICULA Chairpersons: John KENNELLY (GCHERA), Guanghong ZHOU (Nanjing Agricultural University)
9:00 – 9:45	Non-traditional educational models Asha KANWAR. President and CEO, Commonwealth of Learning (Canada)
9:45 – 10:15	Needs for inclusion of technology transfer skills in curricula  Ilan CHET. Union for the Mediterranean (UfM)
10:15 – 10:45	Recognition of traditional knowledge and innovative developments in agricultural higher education  Ervin BALAZS. Centre for Agricultural Research, Hungarian Academy of Sciences (Hungary)
10:45 - 11:15	Coffee break
11:15 – 11:45	Requirements of the private sector in agricultural higher education  Xavier LEPRINCE. SYNGENTA (Switzerland)
11:45 – 12:15	Needs and involvement of the public sector in higher education in emergent economies  Said OUATTAR. Director, Institut Agronomique et Vétérinaire Hassan II (Morocco)
12:15 – 12:45	Developing the Industry Ready Graduate  Greg ROWSELL. Dean of Engineering, Harper Adams University (UK)
12:45 - 14:00	Lunch
14:00 – 14:30	Role of new biotechnologies in agricultural curricula Antonio MOLINA. School of Agricultural, Food and Biosystem Engineering, Technical University of Madrid (UPM) (Spain)
14:30 – 15:00	Role of quality assurance and program accreditation in supporting development of innovative agricultural curricula  Glen C. SHINN. Texas A&M University (USA)
15:00 – 15:30	Coffee break
15:30 - 17:00	General Discussion: Delivering the agricultural professionals with the knowledge, competences and skills required for a career in the XXI century (This session builds on the outcomes of Session II)  Facilitators: María NAVARRO (University of Georgia, USA), Simon HEATH (ICA, GCHERA)
17:00	Transportation to Zaragoza city (bus)
17:30 – 20:00	Optional guided tour of Zaragoza
21:00	Dinner

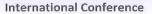












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# Day 3 - Wednesday 17 June

8:45 – 11.15	SESSION IV: GLOBALIZATION AND INTERNATIONAL ALLIANCES  Chairperson: Ian MAW (Association of Public and Land-grant Universities, USA)
8:45 – 9:15	Chinese Higher Education in Agricultural Science: Coping with challenges through transformative models Guanghong ZHOU. President of Nanjing Agricultural University (China)
9:15 – 9:45	Private enterprise commitment to higher education: The Universitas-Banco de Santander model.  Salvador MEDINA. Senior Vice-President of Banco Santander, Santander Universities Global Division (Spain)
9:45 – 10:15	Joint degrees: The future for agricultural higher education in the EU?  Guido Van HUYLENBROECK. President of ICA. Dean, Faculty of Bioscience Engineering,  Ghent University (Belgium)
10:15 - 10:45	USDA's vision on addressing current and future agricultural workforce needs in meeting societal challenges  Muquarrab A. QURESHI. Deputy Director, Institute of Youth, Family and Community;  USDA-National Institute of Food and Agriculture (USA)
10:45 – 11:15	An international cooperative model: CIHEAM-IAMZ training activities  Ignacio ROMAGOSA. Director, Mediterranean Agronomic Institute of Zaragoza (Spain);  CIHEAM
11:15 - 11:45	Coffee break
11:45 – 12:30	Final General Discussion Facilitators: María NAVARRO (University of Georgia, USA), Simon HEATH (ICA, GCHERA)
12:30 – 12:45	Concluding Remarks Conference conveners
12:45 - 13:45	Lunch
14:00	Transportation to Zaragoza railroad station & city (bus)

Language: Main Conference language will be English, and simultaneous interpretation into French and Spanish will be provided.

