

## Programme

### 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	<b>OPENING SESSION</b>
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	<b>Presentation of the OECD Co-operative Research Programme on Biological Resource Management for Sustainable Agricultural Systems</b> 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	<b>Presentation of the Conference</b> Ervin BALAZS. Director, Centre for Agricultural Research at Martonvásár; Hungarian Academy of Sciences (Hungary)
9:45 – 14:30	<b>SESSION I: CHALLENGES FOR AGRICULTURE IN THE XXI CENTURY</b> Chairperson: Ilan CHET (UfM)
9:45 – 10:30	<b>Agriculture in the XXI Century</b> Catherine MOREDDU. OECD Trade and Agriculture Directorate
10:30 – 11:00	Coffee break
11:00 – 11:30	<b>Main drivers in agricultural research and education to secure food supply and assure sustainability</b> Inés MINGUEZ. Research Centre for the Management of Agricultural and Environmental Risks (CEIGRAM). Technical University of Madrid (UPM) (Spain)
11:30 – 12:00	<b>Developing sustainability competence and 21st century capacities through Transformative Agricultural Education</b> Arjen WALS. UNESCO Chair Social Learning Sustainable Development. Wageningen University (The Netherlands)
12:00 – 12:30	<b>Ethical issues in agricultural production and education</b> David KNAUFT. University of Georgia (USA)
12:30 – 14:00	Lunch
14:00 – 14:30	<b>Student view: Attractiveness and employability</b> Lisanne MEULENDIJKS. Vice-President of Communication, International Association of Agricultural Students (IAAS) (Belgium)

## Day 1 – Monday 15 June (cont.)

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



## Day 2 – Tuesday 16 June

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

## Day 3 – Wednesday 17 June

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

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