












9th European Conference on Precision Agriculture



	Sunday 7/7/2013	Monday 7/8/2013	Tuesday 7/9/2013	Wednesday 7/10/2013	Thursday 7/11/2013
8:00		Registration	Registration	Transfer to Raimat	
9:00		PLENARY SESSION Welcome	PLENARY SESSION		ROUNDTABLE DISCUSSION
10:00		Keynotes Dr. Lowenberg- DeBoer Dr. Gebbers	Keynotes Dr. Fountas Dr. Tisseyre	FIELD DEMO	Moderator Dr. Khosla
11:00		Coffee break POSTER SESSION Contact with companies Networking	Coffee break POSTER SESSION Contact with companies Networking		Coffee break
12:00				Transfer to hotels	CLOSING CEREMONY
13:00					
14:00		Lunch	Lunch	Lunch	Lunch
15:00					
16:00					
17:00		Gold sponsor technical session	Gold sponsor technical session	Coffee break	
18:00		Coffee break	Coffee break		
19:00				Evening events	
20:00		Evening events	Evening events		
21:00	Welcome reception at the Seu Vella (Lleida's old cathedral)			Transfer to dinner	
22:00				Conference Dinner	
23:00					
	Sunday 7/7/2013	Monday 7/8/2013	Tuesday 7/9/2013	Wednesday 7/10/2013	Thursday 7/11/2013

-  Soil and crop proximal sensors
-  Remote sensing applications in precision agriculture
-  Spatial variability and mapping
-  Machinery, Robotics and PA technologies
-  Management, data analyses and decision support systems
-  Precision crop protection
-  Advances in precision fructiculture / viticulture/ oliviculture and horticulture in general
-  Advances in precision irrigation
-  Economics, practical adoption and emerging issues

Detailed program

Monday

Oral presentations

	 Soil and crop proximal sensors	 Precision Crop Protection	 Advances in precision fructiculture/ viticulture/ oliviculture and horticulture in general
	<i>Soil and crop proximal sensors I</i> Chairman: V.Adamchuk / Room: FDE, -1.03	<i>Precision Crop Protection I</i> Chairman: B.Panneton / Room: FDE, -1.04	<i>Advances in precision viticulture I</i> Chairman: B.Tisseyre / Room: FDE, -1.02
12:00-12:20	15508 - Serrano, J. - Comparing the DUALEM and VÉRIS sensors for mapping soil properties	15666 - Nielsen, M.R. - Gall mite inspection on dormant black currant buds using machine vision	15803 - Rinaldi, M. - Electronic characterization of the phenological stages of grapevine using a LIDAR sensor
12:20-12:40	15606 - Piikki, K. - Three-layered soil maps based on sensor measurements	15662 - Garin, G. - Assembly of a model for grapevine powdery mildew in a decision support system and search for evaluation criteria	15794 - Bonilla, I. - Grape quality assessment by airborne remote sensing over three years
12:40-13:00	15741 - Silva, F.C.S. - Real time soil sensing for determination of tropical soils pH	15799 - Planas, S. - Advances in pesticide dose adjustment in tree crops	15663 - Tardáguila, J. - Multispectral imagery acquired from a UAV to assess the spatial variability of a Tempranillo vineyard
13:00-13:20	15752 - Perez-Ruiz, M. - Soil compaction sensor for site-specific tillage: design and assessment	15816 - Marucco, P. - Automatic selection of vertical pattern in orchard sprayer	15564 - Martínez-Casasnovas, J.A. - A simplified index to assess the opportunity for selective wine grape harvesting from vigour maps
	<i>Soil and crop proximal sensors II</i> Chairman: E.Moltó / Room: FDE, -1.03	<i>Precision Crop Protection II</i> Chairman: C. Fernández / Room: FDE, -1.04	<i>Advances in precision viticulture II</i> Chairman: R.Bramley / Room: FDE, -1.02
15:00-15:20	15710 - Shoji, K. - Microphone sensor for grain yield monitoring	15738 - Andújar, D. - Weed-crop discrimination using LiDAR measurements	15635 - Fountas, S. - Using laser scanner to map pruning wood in vineyards
15:20-15:40	15615 - Weis, M. - Improving the determination of plant characteristics by fusion of six different sensors	15768 - San Martín, C. - Simulation of the effects of weed decision threshold, detection and treatment resolution on the errors in spraying decisions and on herbicide savings	15681 - Santesteban, L.G. - Agronomic significance of the zones defined within vineyards early in the season using NDVI and fruit load information
15:40-16:00	15587 - Marinello, F. - Three-dimensional sensor for dynamic characterization of soil microrelief	15597 - Moshou, D. - Crop and weed species recognition based on hyperspectral sensing and active learning	15706 - Smart, D.R. - Grape physiology, composition and sensory characteristics in a selective harvest winegrape vineyard
16:00-16:20	15754 - Gebbers, R. - Crop sensor readings in winter wheat as affected by nitrogen and water supply	15714 - Cohen, Y. - Effect of historical agronomic practices and proximity of infected plots on spatial patterns of broomrape in tomato crops	15730 - Taylor, J.A. - Temporal evolution of within-season vineyard canopy response from a proximal sensing system
	<i>Soil and crop proximal sensors III</i> Chairman: R. Gebbers / Room: FDE, -1.03	<i>Precision Crop Protection III</i> Chairman: F. Solanelles / Room: FDE, -1.04	<i>Advances in precision fructiculture III</i> Chairman: J.Schueller / Room: FDE, -1.02
17:40-18:00	15568 - Zhou, L.Q. - Rapid estimation of rice canopy LAI using multi-source proximal sensors	15570 - Vulgarakis Minov, S. - Spray nozzle characterization using high speed imaging techniques	15595 - Selbeck, J. - Automated determination of plum tree canopy cover with two different measurement techniques
18:00-18:20	15631 - Cao, Q. - Estimating rice nitrogen status with Crop Circle multispectral active canopy sensor	15629 - Balasundram, S.K. -Site-specific disease management: A preliminary case with Orange Spotting in oil palm	15750 - Liakos, V. - Application of variable rate fertilizer in a commercial apple orchard
18:20-18:40	15579 - Amaral, L.R. - Comparison of crop canopy sensors in sugarcane	15639 - Cosby, A. - Mapping redheaded cockchafer infestations in pastures – are PA tools up to the job?	15572 - Colaço, A.F. - Obtaining yield maps in orchards by tracking machine behavior
18:40-19:00	15776 - Portz, G. - Field comparison of ultrasonic and canopy reflectance sensors used to estimate biomass and N-uptake in sugarcane	15712 - Cohen, Y. - Risk assessment of grapevine leafroll disease for developing future site-specific disease spread control tactics and strategies	15758 - Agüera Vega, J. - Determination of field capacity and yield mapping in olive harvesting using remote data acquisition



Tuesday

Oral presentations



Soil and crop proximal sensors

Soil and crop proximal sensors IV
Chairman: J.R. Rosell-Polo / Room: FDE, -1.03

11:40-12:00
15637 - **Van Evert, F.K.** - From theory to practice: using canopy reflectance to determine sidedress N rate in potatoes

12:00-12:20
15772 - **Chatzinikos, A.** - The use of laser scanner for measuring crop properties in three different crops in Central Greece

12:20-12:40
15780 - **Grove, J.H.** - The problem is not N deficiency: Active canopy sensors and chlorophyll meters detect P stress in corn and soybean

12:40-13:00
15578 - **Varco, J.** - Development of sensor based detection of crop nitrogen status for utilization in variable rate nitrogen fertilization

13:00-13:20

Economics, practical adoption and emerging issues

Economics, practical adoption and...I
Chairman: J.M. Lowenberg / Room: FDE, -1.03

15:00-15:20
15561 - **Schieffer, J.** - Precision agriculture and agro-environmental policy

15:20-15:40
15603 - **Dillon, C.R.** - Heuristic optimization for variable rate nitrogen and seeding decisions

15:40-16:00
15605 - **Dillon, C.R.** - Dispelling misperceptions regarding variable rate applications

16:00-16:20
15611 - **Martínez-Casasnovas, J.A.** - Precision analysis of the effect of ephemeral gully erosion on vine vigour using NDVI images

Economics, practical adoption and...II
Chairman: C.Dillon / Room: FDE, -1.03

17:40-18:00
15699 - **Kester, C.** - A survey of future farm automation: A descriptive analysis of survey responses

18:00-18:20
15499 - **Klingner, S.** - Challenges for Service Engineering in the Domain of Precision Farming

18:20-18:40
15651 - **García-Vidal, J.** - A survey of wireless sensor technologies applied to precision agriculture

18:40-19:00
15556 - **Korduan, P.** - Standardisation through INSPIRE



Management, data analyses and decision support systems

Management, data analyses and decision...I
Chairman: J.Stafford / Room: FDE, -1.04

15785 - **Khosla, R.** - Can fluorescence based sensing detect nitrogen deficiency at early growth stages of maize?

15719 - **McEntee, P.** - Sub-paddock scale spatial variability between the pasture and cropping phases of mixed farming systems in Australia

15627 - **Kulczycki, G.** - The effect of long-term phosphorus and potassium precision fertilization

15685 - **Adamchuk, V.I.** - Theoretical basis for sensor-based in-season nitrogen management

15693 - **De Oliveira, R.P.** - A segmentation approach to delineate zones for differential nitrogen interventions

Management, data analyses and decision...II
Chairman: R.Khosla / Room: FDE, -1.04

15607 - **Kielhorn, A.** - Practicable site-specific estimation of nitrate leaching risk from agricultural cropland

15654 - **Dumont, B.** - Yield variability linked to climate uncertainty and nitrogen fertilisation

15746 - **Liakos, V.** - Variable rate application of side-dress nitrogen on cotton in Georgia, USA

Management, data analyses and decision...III
Chairman: J.Taylor / Room: FDE, -1.04

15755 - **Nyéki, A.** - Improving yield advisory models for precision agriculture with special regards to soil compaction in maize production

15528 - **Guaus, A.** - A model-driven decision support system for vineyard water status management: a time-dependent sensitivity analysis

15747 - **Santesteban, L.G.** - Prediction of spatial variability of water status in a rain fed vineyard in Spain



Spatial variability and mapping

Spatial variability and mapping I
Chairman: R.Ferguson / Room: FDE, 0.36

15502 - **Serrano, J.** - Long-term effect of super phosphate fertilizer on accumulation of soil phosphorus on a pasture

15770 - **Adamchuk, V.I.** - Effect of sampling patterns and interpolation methods on prediction quality of soil variability mapping

15519 - **Tisseyre, B.** - Spatial variability of drip irrigation in small vine fields of south of France

15565 - **Anselmi, A.A.** - A simple method for filtering spatial data

15521 - **Hoffmeister, D.** - Spatial variability detection of crop height in a single field by terrestrial laser scanning

Spatial variability and mapping II
Chairman: M.Söderström / Room: FDE, 0.36

15786 - **Pena-Yewtukhiw, E.M.** - Strip-crop rotations: Yield spatial structure for spatially coincident and temporally subsequent corn and soybean production

15781 - **Conceição, L.A.** - Spatial variability of seed depth placement of maize under no tillage in Alentejo, Portugal

15722 - **Grifo, A.R.L.** - Stochastic simulation of maize productivity: spatial and temporal uncertainty

15571 - **Vieira, S.** - Spatial and temporal variability of soybean and maize yield after 27 years of no-tillage in São Paulo, Brazil

Spatial variability and mapping III
Chairman: J.A.Martínez / Room: FDE, 0.36

15554 - **Kerry, R.** - Investigating geostatistical methods to model within-field yield variability of cranberries

15601 - **Zane, L.** - Within-field zoning using a region growing algorithm guided by geostatistical analysis

15657 - **Morari, F.** - Understanding the effects of site-specific fertilization on yield and protein content in durum wheat

15618 - **Söderström, M.** - Within-field variation in deoxynivalenol (DON) contents in oats



Remote sensing

Remote sensing I
Chairman: P.Zarco-Tejada / Room: FDE, -1.02

15705 - **Peteinatos, G.G.** - Enhancement of micro Unmanned Aerial Vehicles for agricultural aerial sensor systems

15778 - **Van Der Wal, T.** - Fieldcopter: Unmanned Aerial Systems for crop monitoring services

15518 - **Meron, M.** - Aerial thermography for crop stress evaluation – a look into the state of the technology

15723 - **Alchanatis, V.** - Comparison of methods for field scale mapping of plant water status using aerial thermal imagery

15588 - **Torres-Sánchez, J.** - Imagery from unmanned aerial vehicles for early site specific weed management

Remote sensing II
Chairman: V.Alchanatis / Room: FDE, -1.02

15797 - **Matese, A.** - Mapping of vine vigor by UAV and anthocyanin content by a non-destructive fluorescence technique

15532 - **Meng, J.H.** - Predicting optimal soybean harvesting dates with satellite data

15680 - **Jiao, S.H.** - Monitoring time-series crop leaf area index from higher resolution remotely sensed data



Remote sensing III
Chairman: V.Alchanatis / Room: FDE, -1.02

15773 - **Alsina, M.M.** - Water status detection in California table grapes: from leaf to airborne

15600 - **Vincini, M.** - Portability of leaf chlorophyll empirical estimators obtained at Sentinel-2 spectral resolution

Wednesday

Oral presentations

	 Management, data analyses and decision support systems	 Advances in precision irrigation	 Machinery, Robotics and PA technologies
	<i>Management, data analyses and decision...IV</i> Chairman: S. Fountas / Room: FDE, -1.04	<i>Advances in precision irrigation I</i> Chairman: M. Meron / Room: FDE, -1.02	<i>Machinery, Robotics and PA technologies I</i> Chairman: H. Griepentrog / Room: FDE, -1.03
15:00-15:20	15743 - Li, M.Z. - A field information collecting system based on a wireless sensor network	15536 - Bellvert, J. - Scheduling vineyard irrigation based on mapping leaf water potential from airborne thermal imagery	15775 - Stenberg, B. - On-line measurement of animal and bio slurry quality variations with near infrared spectroscopy
15:20-15:40	15523 - Halcro, G. - Site-specific land management of cereal crops based on management zone delineation by proximal soil sensing	15670 - Jiménez Bello, M.A. - Assessment of drip irrigation sub-units using airborne thermal imagery acquired with an Unmanned Aerial Vehicle (UAV)	15749 - Tsiropoulos, Z. - Management information system for spatial analysis of tractor-implement draft forces
15:40-16:00	15619 - Taylor, J.A. - A comparison of bivariate classification and segmentation approaches to delineating and interpreting grain yield-protein management units	15798 - Patil, V.C. - Response of alfalfa to precision fertigation in Saudi Arabia	15592 - Vellidis, G. - Using RTK-based GPS guidance for planting and inverting peanuts
16:00-16:20	15665 - Griffin, S. - Using profile soil electrical conductivity survey data to predict wheat establishment rates in the United Kingdom	15713 - Rud, R. - The potential of CWSI based on thermal imagery for in-season irrigation management in potato fields	
	<i>Management, data analyses and decision...V</i> Chairman: J.Arnó / Room: FDE, -1.04	<i>Advances in precision irrigation II</i> Chairman: T.Shaver / Room: FDE, -1.02	<i>Machinery, Robotics and PA technologies II</i> Chairman: A.Escolà / Room: FDE, -1.03
17:10-17:30	15725 - Golaszewski, J. - Geostatistical methods as auxiliary tools in field plot experimentation	15757 - Ferguson, R. - Variable Rate Irrigation and Nitrogen Fertilization of Maize across Landscape Positions	15562 - Raush, G. - Hydraulic robot arm controlled by visual servoing
17:30-17:50	15715 - Mansouri, M. - Prediction of non-linear time-variant dynamic crop model using bayesian methods	15591 - Vellidis, G. - A soil moisture sensor-based variable rate irrigation scheduling system	15748 - Conesa-Muñoz, J. - Path planning to minimise distances and recharging instances for a small fleet of vehicles in an arable field
17:50-18:10		15805 - Mouazen, A.M. - Fusion of data from multiple soil sensors for the delineation of water holding capacity zones	



Poster presentations

Posters will be permanently exposed on Monday and Tuesday.

Authors are supposed to be nearby the corresponding posters during the coffee break in the morning.



Soil and crop proximal sensors

Tamura, E.	Evaluation of NITROGEN nutritional conditions by analyzing HYPERSPECTRAL DATA
Moreno, J.	Compact and LOW COST embedded vision system for FRUIT DETECTION and TRACKING
Shoji, K.	Determination of MOISTURE content and NITROGEN concentration in the SOIL by measuring dielectric properties using parallel circuit RESONANCE
Minzan, L. A	Vehicle-mounted CROP DETECTOR with WIRELESS Sensor NETWORK
Minzan, L.	REAL TIME analysis of SOIL NITROGEN content based on a portable soil sensor
Peteinatos, G.G.	COMPARISON of ISARIA® sensor with a typical SPECTROMETER under diverse conditions
Kusnierek, K.	Combining thermal and spectral data to account for water stress at split-fertilization of wheat
Armesto, A.P.	Integration of a Decision Support Tool (HAD NITRO) with the N-Sensor® for variable rate NITROGEN top-dressing in WINTER CEREALS



Remote sensing applications in precision agriculture

El Nahry, A.H.	Precision Farming in New Reclaimed Areas Using Remote Sensing and GIS Techniques
Serrano, L.	Assessment of BERRY QUALITY using AIRBORNE derived NDVI and PRI in rainfed vineyards
Bellvert, J.	INNFACTO project: A tool for scheduling IRRIGATION using airborne high resolution THERMAL IMAGERY
Hongo, C.	Evaluation of SOIL CARBON stocks in upland field using remotely sensed data
de Castro, A.I.	In-season Site-specific Control of Cruciferous WEEDS at Broad-scale using QUICKBIRD IMAGERY
Gómez-Candón, D.	Accuracy and crop line misalignment over HIGH RESOLUTION ORTHO-MOSAICS from UNMANNED AERIAL VEHICLES
Karakizi, C.	VINEYARD DETECTION and VINE VARIETY DISCRIMINATION from high resolution SATELLITE DATA
García-Ruiz, F.	Sensing crop heterogeneity by use of unmanned aircraft systems (UAS)



Spatial variability and mapping

Bergonzoli, S.	Spatial variability of some SOIL properties and WHEAT YIELD within a trafficked field
Eroglu, M.C.	Spatial mapping and analysis of GRAIN LOSS determined under different operational parameters of combine harvesters in WHEAT HARVESTING
Zhang, M.	A thematic map of SOIL HEAVY METAL elements: DISTRIBUTION and release
Hinck, S.	Sample reduced SITE MAPPING – a combination of GEOELECTRIC measurements and field mapping
Unamunzaga, O.	Study of spatial variability of SOIL physical properties in a VINEYARD
Sartori, A.	Spatial variability of SOIL physical properties with different doses of SEWAGE SLUDGE
Moraes, D.	Spatial variability of estimated ATRAZINE concentrations in GROUNDWATER
Golaszewski, J.	Use of INFORMATION on spatial variability in FRACTIONAL EXPERIMENTS 212-8 with winter rye (Secale cereale L.)
Agüera-Vega, J.	IN-FIELD SPATIAL grain-legume YIELD VARIABILITY under NO-TILL and CONVENTIONAL TILLAGE
Pijuan, J.	Three-point hitch dynamometer and GPS system for tillage forces and power requirements mapping



Machinery, Robotics and PA technologies

Andújar, D	Automatic adjustment of a flexible tine harrow using ultrasonic sensors for on-line weed detection
Griepentrog, H.W.	AUTONOMOUS PLATFORM for DATA ACQUISITION and MAPPING of tree parameters
Griepentrog, H.W.	Evaluating the PORTABILITY of the FROBOMIND ROBOT SOFTWARE architecture to new AUTONOMOUS PLATFORM
Ribeiro, A.	Learning the best SEGMENTATION process for DISCRIMINATING accurately between MONOCOTS and DICOTS
Topakcı, M.	Determination of STUBBLE DENSITY with the IMAGE PROCESSING method by using an autonomous robot
Biscaro, A.S.	Evaluation of a recently developed HAY YIELD MONITOR
Benet, B.	LOCALIZATION and COMMUNICATION for a fleet of VEHICLES to realize with SAFETY AGRICULTURAL tasks
Guerrero, J.M.	A new approach to solve IMAGE THRESHOLDING in precision agriculture

Poster presentations



Management, data analyses and decision support systems

- | | |
|----------------|---|
| Lee, B.W. | MODELS to recommend PANICLE NITROGEN topdressing rate for the target yield and PROTEIN content of RICE |
| Strothmann, W. | INTERACTIVE IMAGE SEGMENTATION for Model Adaptation and Decision support |
| Armesto, A.P. | Customized advanced GIS Advisory TOOLS for the SUSTAINABLE management of EXTENSIVE CROPS. Preliminary results |



Precision crop protection

- | | |
|---------------|---|
| Jensen, P.K. | IMAGE ANALYSIS of dynamic SPRAY distribution to evaluate performance of NOZZLES used for PRECISION WEED CONTROL |
| Izquierdo, J. | Effect of soil management (no-tillage vs. tillage) on weed spatial distribution in cereals. |
| Nordmeyer, H. | Use of HERBICIDES based on soil organic matter in a SITE-SPECIFIC WEED CONTROL concept |
| Llorens, J. | DIGITAL MEASUREMENT and actuators for improving SPRAY APPLICATIONS in tree and vine crops |
| Bediaf, H. | LEAF SURFACE ROUGHNESS characterization by image processing |
| Vieri, M. | The RHEA-project ROBOT for TREE CROPS PESTICIDE application |



Advances in precision fructiculture/ viticulture/ oliviculture and horticulture in general

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|---------------------------|--|
| Martínez-Casasnovas, J.A. | Analysis of inter-annual changes of NDVI for precision viticulture applications |
| Latouche, G. | Early detection of leaf DOWNY MILDEW in vineyards with a new portable FLUORESCENCE SENSOR |
| Kandykakis, Z. | Evaluating SPECTRAL INDICES from WorldView-2 satellite data for SELECTIVE HARVESTING in VINEYARDS |
| Oncins, J.A. | An analysis of different sensors and equipment to model and manage viticulture STRATEGIES to achieve HIGH QUALITY WINE |
| Oncins, J.A. | AUTOMATED IRRIGATION in Vitis vinifera (cv. Tempranillo) depending on SOIL MOISTURE levels |



Advances in precision irrigation

- | | |
|---------------|---|
| Duran Ros, M. | SCADA system for a PRECISION MICROIRRIGATION network using RECLAIMED EFFLUENT |
| Torres, A. | EFFIDRIP. An ICT platform for scheduling and supervising IRRIGATION in TREE crops |
| Sugimoto, T | Study on the estimation of the volume WATER CONTENT in the culture soil under plant cultivation using PROPAGATION VELOCITY of SOUND |



Economics, practical adoption and emerging issues

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|-------------------------|--|
| Fontanilla Puerto, J.M. | Controlled release fertilizer in precision agriculture "MULTICOTECH TECHNOLOGY" |
| Cirani, C. | ADOPTION of precision agriculture technologies in the SUGARCANE industry in BRAZIL |
| Agüera-Vega, J. | REMOTE MONITORING of CO2 EMISSION save of NO TILL AND PA, with respect to CONVENTIONAL TILLAGE |
| Imiolek, M. | The use of mobile robots for education in precision agriculture |
| Hernández, J.A. | Economic and Environmental Benefits of PRECISION MANURE MANAGEMENT in Minnesota |

Poster awards

As part of the poster session, all attendees will be asked to vote for the three best poster presentations. Voting will be carried out through sealed ballot papers included with the conference documentation. Each attendee will write in the ballot paper the numerical codes corresponding to a maximum of three poster presentations. These numerical codes will be indicated in each panel. The awards will be presented at the conference dinner.



Partner Program & Evening events

	Sunday 7/7/2013	Monday 7/8/2013	Tuesday 7/9/2013	Wednesday 7/10/2013	Thursday 7/11/2013
8:00					
8:30					
9:00					
9:30					
10:00		Guided City Tour. 09:30-12:00			
10:30		This tour is a walk down Commercial Street, one of the longest shopping areas in Europe. Along this street, apart from the wide range of shops and services found in this area, is added the existence of a remarkable buildings that are interesting from the point of view of history and art.			
11:00					
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19:30		Evening Events at the conference venue. 19:00	Evening Events at the conference venue. 19:00		
20:00		A stroll through Lleida (limited places)	Human towers exhibition 'Els Castellers de Lleida' (open to all attendees)	Evening Events at the conference venue. 18:20	
20:30		You cook it, you eat it now (20€)	You cook it, you eat it now (20€)	Visit to 'San Miguel' brewery (limited places)	
21:00				A stroll through Lleida (limited places)	
21:30		Attendees can choose one of the two proposals previous registration during the morning.	Registration during the morning is needed for the Catalan cooking workshop. This event will take place after the exhibition of human towers.		
22:00					
22:30					
23:00					
23:30					
00:00					

Boí Valley UNESCO World Heritage Site (Sant Climent in Taüll, Sant Joan in Boi and Santa Eulàlia in Erill la Vall). 8:00-18:20

The valley is best known for its nine Early Romanesque churches, making it the site of the densest concentration of Romanesque architecture in Europe. It was designated as a World Heritage Site by UNESCO on 30 November 2000. The valley also includes the highest ski resort in the Pyrenees, at Boí-Taüll, and borders the Aiguestortes i Estany de Sant Maurici National Park which lies to the northeast.

The Royal Abbey of Santa Maria de Poblet and Museum and Olive Oil Theme Park. 09:00-17:00

The Royal Abbey of Santa Maria de Poblet is a Cistercian monastery, founded in 1151, located at the feet of the Prades Mountains, in the comarca of Conca de Barberà, in Catalonia.

The main production of what are widely regarded as some of the best olive oils in the world is concentrated in about thirty villages in the comarcas of Les Garrigues (Lleida). Museum and Olive Oil Theme Park is a beautiful oil sample and short of time, culture and economy of a people and an entire region.

Wandering can enter time and share and understand the roots of a land and a people who have always maintained a close relationship of dependence and respect.

Guided visit to Museum of Lleida. 9:30-11:15

Lleida Museum, the shortened and current usual name of the Diocesan and Comarcal Lleida Museum, is an art and history museum in Lleida.

Closing Ceremony and lunch (Congress venue). 12:00

Attendee's partners are also invited to the Closing Ceremony

Welcome reception at the Seu Vella (Lleida's old cathedral)

Attendees can choose one of the two proposals previous registration during the morning.