

VERSUS 2014

International Conference on Vernacular Heritage, Sustainability and Earthen Architecture | MEDITERRANEA RESTAURATA



UNIVERSITAT POLITÈCNICA DE VALÈNCIA



IRP

escola superior gallaecia

PROGRAM



SALA A - AULA MAGNA

Thursday 11

(simultaneous translation English - Spanish - English)

08.30 - 09.00	Arrival of conference participants and distribution of documentation
09.00 - 09.30	Opening Session <i>D. Francisco J. Mora Mas</i> - Rector Mgfc. de la Universitat Politècnica de València <i>D. Vicente Mas Llorens</i> - Director de la Escuela Técnica Superior de Arquitectura <i>Dña. M^a Teresa Doménech Carbó</i> - Directora del I. U. de Restauración del Patrimonio <i>Dña. Camilla Mileto</i> - Chair of VerSus2014 Conference <i>D. Fernando Vegas López-Manzanares</i> - Chair of VerSus2014 Conference Plenary lectures
09.30 - 10.00	VerSus project: lessons from vernacular heritage for sustainable architecture <i>M. Correia</i> , <i>G. D. Carlos</i> , <i>H. Guillaud</i> , <i>S. Mecca</i> , <i>M. Achenza</i> , <i>F. Vegas</i> & <i>C. Mileto</i> - VerSus Project
10.00 - 10.30	Vernacular architecture and sustainability: Two or three lessons... <i>M. Vellinga</i> - Oxford Brookes University
10.30 - 11.00	Vernacular architecture in the modern concept of cultural heritage <i>J. M. Ballester</i> - Director del programa Patrimonio y Territorio en la Fundación Marcelino Botín
11.00 - 11.15	Book presentation: Aprendiendo a Restaurar <i>Ilmo. Sr. Vicente Dómine</i> - Director General d'Obres Públiques, Projectes Urbans i Habitatges
11.15 - 11.45	Coffee break

Session I. Moderator: Mariana Correia

11.45 - 12.00	Aisle-truss houses of Northern Jutland: strategies for sustainable design <i>B. Tanderup Eybye</i>
12.00 - 12.15	Preindustrial versus postindustrial architecture and building techniques <i>I. Veestergaard</i>
12.15 - 12.30	Form and materiality in contemporary Southern Moroccan Architecture <i>J. M. López Osorio</i> , <i>T. García</i> , <i>E. España</i> & <i>D. Arredondo</i>
12.30 - 12.45	Adapting vernacular architecture. The case of the Singapore Cottage in Melbourne <i>R. Beeston</i> & <i>N. Matarredona</i>
12.45 - 13.00	Urban and architectural features of traditional built environment of Farasan Islands, Saudi Arabia <i>H.A. Mortada</i> & <i>M. Baleha</i>
13.00 - 13.15	Restoration and rehabilitation in Palestine: Hosh el Etem in the Historic Centre of Birzeit <i>K. Bshara</i> , <i>J. Barlet</i> & <i>R. Salem</i>
13.15 - 13.30	Sustainable features in vernacular houses of Shushtar <i>B. Fakharian</i>
13.30 - 13.45	Preservation of vernacular schist masonry farm walls <i>C. E. Barroso</i> , <i>D. V. Oliveira</i> & <i>L. F. Ramos</i>
13.45 - 14.00	Jordanian Vernacular Architecture <i>E. Baglioni</i>
14.00 - 15.30	Lunch

Session II. Moderator: Marcel Vellinga

15.30 - 15.45	Thermal zoning and natural ventilation in vernacular Anatolian settlements <i>T. Frank</i> , <i>C. Luke</i> & <i>C. Roosevelt</i>
15.45 - 16.00	Sustainability of the thatched house in Nadasyo village in Fukui prefecture, Japan <i>H. Kobayashi</i> , <i>K. Fukui</i> & <i>H. Mitani</i>
16.00 - 16.15	Historical "ghost" towns. Sustainable conservation issues in Southern Italy <i>V. Russo</i>
16.15 - 16.30	The Construction Project of the Moklen Ethnic House – Sea Gypsy Architecture in Southern Thailand <i>M. Attavanich</i> & <i>H. Kobayashi</i>
16.30 - 16.45	Moravian master builders and their contribution to sustainability <i>Z. Syrová</i> , <i>J. Syrový</i>
16.45 - 17.00	Vernacular seismic culture in Portugal: on-going research <i>M. Correia</i> , <i>G. Duarte Carlos</i> , <i>D. Viana</i> & <i>F. Gomes</i>
17.00 - 17.15	Ensuring survival of vernacular buildings in rural towns (NSW) <i>S. Jackson-Stepowski</i>
17.15 - 17.30	Renewable energy sources for rural architecture in fragile landscapes <i>G. Franco</i> & <i>S.F. Musso</i>
17.30 - 18.00	Coffee break

Session III. Moderator: Saverio Mecca

18.00 - 18.15	Studies of Persian vernacular heritage and its building identity <i>S. Petralla</i>
18.15 - 18.30	Vernacular architecture in Campania Felix. Values and conservation problems <i>R. Picone</i>
18.30 - 18.45	3D survey for conservation: the case of the Caleo farmhouse in Campi Flegrei <i>A. Pane</i> & <i>C.C. Battaglia</i>
18.45 - 19.00	Features and conservation issues of stone houses in the inland Abruzzo <i>D. Fiorani</i>
19.00 - 19.15	The Porticoes of Bologna: methodology for sustainable restoration <i>C. Galli</i> & <i>F. Naldi</i>
19.15 - 19.30	Teaching the vernacular: lessons for a local sustainable architecture in Chile <i>N. Jorquera</i>
19.30 - 19.45	10-year experience from vernacular architecture to contemporary sustainability <i>M. Balzani</i> , <i>P. Massai</i> & <i>L. Rossato</i>
19.45 - 20.00	Hassan Fathy in New Bariz, vernacular heritage and design process <i>A. Picone</i>
20.00 - 20.15	Perceptions of vernacular architecture <i>G. Bosman</i> & <i>C. Whitfield</i>
20.15 - 20.45	Round table <i>M. Correia</i> , <i>M. Vellinga</i> , <i>J. M. Ballester</i> , <i>S. Mecca</i> , <i>B. Juvanec</i> & <i>P. Rodríguez-Navarro</i>

SALA B - SALA DE PROYECCIONES

Thursday 11

(lectures in English without translation)

Session I. Moderator: Gilberto Duarte Carlos

- 11.45 - 12.00 **Transformation between corbelling and lintel: Abrigo and Espigueiro**
B. Juvanec
- 12.00 - 12.15 **Vernacular architecture in Saudi Arabia: revival of displaced traditions**
M. O. Babsail & J. Al-Qawasmi
- 12.15 - 12.30 **Straw as construction material for sustainable buildings: Life Cycle Assessment of a post-earthquake reconstruction**
A. Bonoli & S. Rizzo
- 12.30 - 12.45 **Traditional housing in Calabria. Past and present**
R. Chimirri
- 12.45 - 13.00 **Campania Felix, smaller towns, vernacular and sustainability**
G. Multari
- 13.00 - 13.15 **Self-sustaining vernacular habitats: the case study of Medina of Chefchaouen**
B. Özel, L. Dipasquale & S. Mecca
- 13.15 - 13.30 **Understanding matter to think and build differently: the amàco project**
N. Álvarez Coll, R. Anger, M. M. Bisiaux, H. Houben & L. Fontaine
- 13.30 - 13.45 **Conservation of morphological characters as an approach to thermal comfort**
A. R. Abd Elrady & M. H. Hassan
- 13.45 - 14.00 **The Ruka Mapuche: clues for a sustainable architecture in southern Chile?**
C. J. Whitman, G. Armijo & N. J. Turnbull
- 14.00 - 15.30 **Lunch**

Session II. Moderator: Borut Juvanec

- 15.30 - 15.45 **Vernacular houses of Datca Peninsula: architectural typology and its sustainability**
O. B. Avsar
- 15.45 - 16.00 **Spatial transformation of traditional garden houses in Hue citadel, Vietnam**
N. T. Nguyen & H. Kobayashi
- 16.00 - 16.15 **Studies on vernacular architecture in Italy: the experience of G. Ciribini (1913-1990)**
D. Bosia
- 16.15 - 16.30 **Reading vernacular structural system features of Soma-Darkale settlement**
M. Tanac Zeren & O. Yilmaz Karaman
- 16.30 - 16.45 **Qualitative criteria for defining the safety analysis of Ottoman bath structures**
K. Apak
- 16.45 - 17.00 **Preliminary studies on traditional timber roof structures in Gjirokastra, Albania**
F. Pompejano & K. Merxhani
- 17.00 - 17.15 **Gypsum vaults in Sicily as a reinterpretation of Catalan vaults**
R. Verga
- 17.15 - 17.30 **0 Km Conservation**
F. Vegas & C. Mileto
- 17.30 - 18.00 **Coffee break**

Session III. Moderator: Stefano Musso

- 18.00 - 18.15 **Examination and Assessment of the Environmental Characteristics of Vernacular**
M. Philokyprou, A. Savvides, A. Michael & E. Malaktou
- 18.15 - 18.30 **Guidelines for rehabilitation of vernacular architecture**
D. Bosia & L. Savio
- 18.30 - 18.45 **Perishable materials architectures in Northern Italy (from Roman Times to nowadays)**
A. Antonini
- 18.45 - 19.00 **Local seismic culture and earthquake-resistant devices: case study of "Casa Baraccata"**
L. Dipasquale, D. Omar Sidik & S. Mecca
- 19.00 - 19.15 **The Kasbah of Dellys in Algeria, revitalization and conservation through tourism**
D. Boussaa
- 19.15 - 19.30 **Approaches to nature in Iranian traditional houses in terms of environmental sustainability**
S. Adeli, M. Abbasi Harofteh
- 19.30 - 19.45 **Research on the uses of fire in vernacular houses in the Eurasian Continent**
T. Tsukidate
- 19.45 - 20.00 **Gypsum and giant canes in the Sicilian traditional architecture**
A. Mami
- 20.15 - 20.45 **Round table at "Sala A - Aula Magna"**
M. Correia, M. Vellinga, J. M. Ballester, S. Mecca, B. Juvanec & P. Rodríguez-Navarro

SALA C - SALÓN DE GRADOS

Thursday 11

(lectures in Spanish without translation)

Session I. Moderator: Natalia Jorquera

11.45 - 12.00	Sustainability evaluation of materials in architecture J. Orozco-Messana & V. Climent
12.00 - 12.15	Sustainability of compression layers: timber and concrete compared S. Tomás, M. Diodato, F. Vegas, C. Mileto & R. Giménez
12.15 - 12.30	Energy efficiency of listed buildings in L'Eixample District in Valencia A. Pérez-García & A. Guardiola-Víllora
12.30 - 12.45	Primary energy and CO2 emissions in vernacular as compared to conventional architecture M. Fernández, A. Martínez, A. Alonso & V. Llopis
12.45 - 13.00	The B4U assessment tool for urban regeneration projects and its profit indicators C. Mateo & A. Fernández
13.00 - 13.15	Gypsum quarries used in Valencian architecture: past, present and future V. La Spina, L. García Soriano, C. Mileto & F. Vegas
13.15 - 13.30	The habitat of transhumant shepherds at Mgoun Valley, High Atlas (Morocco) J. Asencio, J. M. Mateos & R. M. Moreno
13.30 - 13.45	The phenomenon of tourism. Redefining architecture and landscape D. Natoli, A. Vacas, M.A. García & L. Díaz
13.45 - 14.00	How to understand vernacular sustainability of earthen architecture only considering the inventory and technical knowledge? I. Moulis, M. Jamin & A. Marcom
14.00 - 15.30	Lunch

Session II. Moderator: Pablo Rodríguez-Navarro

15.30 - 15.45	Vernacular settlements in Peneda and Laboreiro, Portugal: Spatial organisation G. Sousa & F. Gomes
15.45 - 16.00	Sustainability notions in vernacular architecture of Choapa Valley M. L. Lobos, N. Jorquera & F. Pfenniger
16.00 - 16.15	A typical island habitat: The baracca of Carloforte F. Juan-Vidal & A. Merlo
16.15 - 16.30	The traditional architecture of Cabanyal neighborhood, a sustainable heritage R.M. Pastor & J.L. Higón
16.30 - 16.45	Cultural influences in Mexican vernacular architecture G. Torres
16.45 - 17.00	Habitat and vernacular architecture of the Sama Range (Bolivia) J. M. López-Osorio, M. Ventura, M. Alves de Freitas & P. Vásquez
17.00 - 17.15	Methodology to characterize the use of pine needles in adobes of Chiapas, Mexico N. J. Jiménez, L. F. Guerrero & F. Jové
17.15 - 17.30	Architecture by the vineyards: the case of Caudete de las Fuentes R. Giménez & S. Tomás
17.30 - 18.00	Coffee break

Session III. Moderator: Juan María Songel

18.00 - 18.15	Láguena, a roofing technique in Campo de Cartagena, Spain I. Almela & L. Martínez
18.15 - 18.30	Open Tools applied to low-tech curved roofings, Elche & Muchamiel, Spain J. Carrasco, J. Bermejo, P. Ferrando, A. Enguita, J. Toledo
18.30 - 18.45	Sustainable architecture in the traditional rural environment: Moratalla P.A. López & F.J. Sánchez
18.45 - 19.00	Log driving on the Turia river, Spain. Provisional structures M. Diodato, P. Privitera & S. García
19.00 - 19.15	Identification and analysis of passive energy resources applied in constructions of "La Mancha" region, Spain J. R. Ruiz-Checa & V. Cristini
19.15 - 19.30	Sustainable living. Environmental integration in 15 vernacular Spanish houses M. de Luxán, G. Gómez & E. Román
19.30 - 19.45	Strategies for energy retrofitting of vernacular architecture of Cabanyal-Canyamelar J. Blanco, B. Serrano, L. Ortega & L. Soto
19.45 - 20.00	Solar radiation influence on pre-modern openings features: La Coruña and Valletta P. Privitera, M. Diodato & S. García
19.45 - 20.00	The ornament of the south facing turret and the Islamic wall fragment, Valencia (Spain) J. March-Estrada, S. Martínez-Hurtado, S. Kröner & X. Mas-Barberà
20.15 - 20.45	Round table at "Sala A - Aula Magna" M. Correia, M. Vellinga, J. M. Ballester, S. Mecca, B. Juvanec & P. Rodríguez-Navarro

SALA A - AULA MAGNA**Friday 12**

(simultaneous translation English - Spanish - English)

08.30 - 09.00 **Arrival of conference participants and distribution of documentation****Plenary lectures**09.00 - 09.30 **Continuity of French rammed earth architecture**
*S. Moriset & H. Guillaud - CRAterre ENSAG*09.30 - 09.45 **Book presentation: "La Restauración de la tapia en Península Ibérica. Criterios, técnicas, resultados y perspectivas"**
*C. Mileto & F. Vegas*09.45 - 10.00 **Book presentation: "Terra, Palha, Cal"**
*P. Prista & F. Jorge***Session I. Moderator: Hubert Guillaud**10.15 - 10.30 **The presaharian settlements of the Ziban: the persistence of Roman elements in native Islamic dwelling**
*S. Haoui*10.30 - 10.45 **A web map for Italian earthen architecture**
*M. Achenza & C. Cocco*10.45 - 11.00 **Architecture and Landscape in Sharq al -Andalus. The conservation of an Islamic qarya**
*A. Soler, R. Soler & E. Paredes*11.00 - 11.15 **Contemporary rammed earth construction. Alexandre Bastos – creativity and maturity**
*F. Jorge*11.15 - 11.30 **The vernacular earthen architecture near Turin (Piedmont, Italy)**
*F. Fratini, S. Rescic, C. Riminesi, M. Mattone, L. Rovero & U. Tonietti*11.30 - 12.00 **Coffee break****Session II. Moderator: Luis Fernando Guerrero**12.00 - 12.15 **Latest trends in rammed earth restoration in western Andalucía**
*J. Canivell & A. Graciani*12.15 - 12.30 **Earthen construction in Alto Arnoia river valley, Galicia**
*A. Fernández*12.30 - 12.45 **From refined to popular architecture. Mixed rammed earth walls with adobe reinforcements**
*M. Del Río & F. Jové*12.45 - 13.00 **The karsheef: problems of cultural and environmental conservation**
*G. Martines*13.00 - 13.15 **An itinerary through Sardinian earth built villages**
*E. Pusceddu*13.15 - 13.30 **The other architecture: from natural caves to excavated housing**
*B. Piedecausa & J.C. Pérez*13.30 - 13.45 **A pentagonal block home**
*G. Barbeta & E. Navarrete*13.45 - 14.00 **First considerations for a adobes mensio-chronology**
*D. Pittaluga & R. Pagella*14.00 - 14.15 **Experimental rammed earth prototypes in Mediterranean climate**
*L. Rincón, S. Serrano, L.F. Cabeza; B. González, A. Navarro & M. Bosch*14.15 - 15.30 **Lunch****15.30 - 16.15 POSTER SESSION****SALA DE PILARES****Session III. Moderator: Zuzana Syrová**16.15 - 16.30 **Light Earth Designs: natural material, natural structure**
*M. Ramage, T. Hall & P. Rich*16.30 - 16.45 **Design in Jericho: contemporary earthen architecture and local cultural landscape**
*F.M. Lorusso & S. Mecca*16.45 - 17.00 **Compressive strength of blood stabilized earthen architecture**
*C. Kraus, D. Hirmas & J. Roberts*17.00 - 17.15 **Earth as a construction material conserving Addiriyah of Saudi Arabia**
*M. Sharif Zami*17.15 - 17.30 **Puzzolanic materials for restoration of earthen architecture**
*L.F. Guerrero, F.J. Soria & R.S. Roux*17.30 - 17.45 **Transdisciplinarity in rammed earth construction for contemporary practice**
*M.Dabaieh & M.Sakr*17.45 - 18.15 **Coffee break****Session IV. Moderator: Maddalena Achenza**18.15 - 18.30 **Innovation through a public construction using rammed earth in Alsace**
*L. Piccon & A. Mesbah*18.30 - 18.45 **Sequential organization for self-built earthen construction site**
*S. Mecca & M. Achilli*18.45 - 19.00 **Clay boards and panels – an innovative earth building product for drywall construction**
*H. Schroeder*19.00 - 19.15 **Stratigraphic analysis of earthen architecture: the mosque of M'Hamid El Ghizlane**
*O. Domínguez, A. García & C. Moreno*19.15 - 19.30 **Inventory of Outat Valley Ksour's in Morocco**
*P. Rodríguez-Navarro & T. Gil Piqueras*19.30 - 20.00 **Round table***H. Guillaud, M. Achenza, L. F. Guerrero, R. Picone, A. Zaragoza*20.00 - 20.30 **Closing Session & Awards Ceremony**
Partners of VerSus Project22.00 **Official Closing Dinner**

SALA B - SALA DE PROYECCIONES**Friday 12**

(lectures in English without translation)

Session I. Moderator: Sébastien Moriset

- 10.15 - 10.30 **Jute fabric to improve the mechanical properties of rammed earth constructions**
S. Briccoli, M. Fagone, F. Loccarini & G. Ranocchiali
- 10.30 - 10.45 **Practices and demands in retrofitting of vernacular rammed earth houses**
A. Buzo, H. J. Cho, L. Genis & G. Paccoud
- 10.45 - 11.00 **Restoration informed by archaeology of a Mexican-American adobe ranch house**
I.R. Stiegler, S. Van Wormer & S. Walter
- 11.00 - 11.15 **Characterization of external renderings of rammed earth constructions in the Algarve**
L. Mateus & J. de Brito, M. R. Veiga
- 11.15 - 11.30 **The fitness of earthen architecture**
C. Kraus
- 11.30 - 12.00 **Coffee break**

Session II. Moderator: Alejandro García Hermida

- 12.00 - 12.15 **36 Thanks to promote the conservation of the Ladakhi earthen heritage**
M. Bertagnin, D. De Antoni, A. Skedzuhn-Safir, M. Oeter & H. Vets
- 12.15 - 12.30 **C.A.S.A - Central American Sustainable Architecture**
L. Di Virgilio & S. Parlato
- 12.30 - 12.45 **"Guidelines" for sustainable rehabilitation of the Rural Architecture**
S.F. Musso & G. Franco
- 12.45 - 13.00 **Discordant goals in alpine rural heritage restoration: discussion and proposals**
A. Turato & V. Ferraio
- 13.00 - 13.15 **Life Cycle Assessment as a means to grow awareness on the environmental impact of conservation**
C. Careccia & M. D'Incognito
- 13.15 - 13.30 **Resilience and intangible heritage of vernacular Architecture**
B. Özel, L. Dipasquale & S. Mecca
- 13.30 - 13.45 **Conservation of the vernacular heritage in the villages of Bursa, Turkey**
Z. Ahunbay, T. Ayrancılar, A. Polat & A. Uray
- 13.45 - 14.00 **Research of the values of vernacular architecture heritage concept in China's rapid urbanization**
Yuedi
- 14.00 - 14.15 **Testing the veracity of the informal dwelling as vernacular architecture**
D. Whelan
- 14.15 - 15.30 **Lunch**

15.30 - 16.15 **POSTER SESSION****SALA DE PILARES****Session III. Moderator: Renata Picone**

- 16.30 - 16.45 **A sustainable project collaborating with inhabitants to build gangi (wooden arcades)**
S. Nishimura, S. Terada & S. Boda
- 16.45 - 17.00 **Sustainability features of vernacular architecture in Southern Algeria**
A. Bouchair
- 17.00 - 17.15 **Peri urban agriculture as a new strategy of urban development: A case study in Cenaia, Pisa**
B. Ozel, S. Mecca, F.M. Lorusso & L. Dipasquale
- 17.15 - 17.30 **The application of traditional "tube house" in water revitalization**
M. Dao Le Hong
- 17.30 - 17.45 **Vernacular heritage solutions for sustainable architecture: the Phlegraean islands**
M. Achenza, I. Giovagnorio & L.G.F. Cannas
- 17.45 - 18.15 **Coffee break**

Session IV. Moderator: Valentina Russo

- 18.15 - 18.30 **In dialogue with the landscape**
A. Novak & P. Medgyasszay
- 18.30 - 18.45 **French vernacular heritage to inspire a new sustainable architecture**
S. Moriset, N. Sánchez, E. Sevillano
- 18.45 - 19.00 **The impact of using triangular shapes on the Nubian and Najdi architectural composition**
N. Mohamed Gharib & W. M. H. Mohamed
- 19.00 - 19.15 **Diagonal tests on adobe panels reinforced by traditional and innovative anti-seismic retrofits**
D. Omar Sidik, F. Ridolfi, L. Rovero & U. Tonietti
- 19.30 - 20.00 **Round table at "Sala A - Aula Magna"**
H. Guillaud, M. Achenza, L. F. Guerrero, R. Picone, A. Zaragoza
- 20.00 - 20.30 **Closing Session & Awards Ceremony at "Sala A - Aula Magna"**
Partners of VerSus Project
- 22.00 **Official Closing Dinner**

SALA C - SALÓN DE GRADOS**Friday 12**

(lectures in Spanish without translation)

Session I. Moderator: Teresa Gil Piqueras

- 10.15 - 10.30 **Masked defensive architecture. El portal de Massalavés**
I. Matoses
- 10.30 - 10.45 **A parameterization of brick-reinforced rammed earth in Valencian Region (Spain)**
V. Cristini, F. Martella, C. Mileto & F. Vegas
- 10.45 - 11.00 **Knowledge exchange for innovation in the vernacular rammed earth technique, Peru**
S. Rodríguez-Larraiñán, J. Vargas-Neumann, S. Onnis & R. Correa
- 11.00 - 11.15 **Thermal improvement of rammed earth buildings by the inclusion of natural cork**
G. Barbeta, F. X. Massó
- 11.15 - 11.30 **Contributions of traditional façades to the thermal comfort**
J. Vercher, F. Cubel, C. Lerma & Á. Mas
- 11.30 - 12.00 **Coffee break**

Session II. Moderator: Valentina Cristini

- 12.00 - 12.15 **Conservation of earthen architecture in the United States of America: some case studies**
C. Mileto & F. Vegas
- 12.15 - 12.30 **Location and conservation of rammed earth in Chelva (Spain)**
M. Á. Lloría, J. A. Cantó & S. D. Lozano
- 12.30 - 12.45 **Restoration of rammed-earth monumental buildings 1980-2011, the Valencian Community (Spain)**
M. Mestre, L. García, M. Diodato & V. La Spina
- 12.45 - 13.00 **The Ksar Sidi Bou Abdellah in Mdagra Oasis, Morocco**
T. Gil & P. Rodríguez-Navarro
- 13.00 - 13.15 **Evaluation of seismic behaviour of rammed earth structures**
R. Gallego & I. Arto
- 13.15 - 13.30 **Rammed earth consolidation techniques: Restoration of Talamanca del Jarama city wall**
E. Herrero
- 13.30 - 13.45 **Restoration of the Rojano Tower in Lorca (Murcia, Spain)**
P.E. Collado
- 13.45 - 14.00 **The walls construction system in Muza Tower (Benifaio, Spain)**
V. López, T. Pellicer & S. Tormo
- 14.00 - 14.15 **Guidelines elaboration for a self-building manual with earth in Chiapas State, Mexico**
K. Sánchez
- 14.15 - 15.30 **Lunch**

15.30 - 16.15 **POSTER SESSION****SALA DE PILARES****Session III. Moderator: Arturo Zaragoza**

- 16.15 - 16.30 **Study and preservation of a "fresquera"**
M. Genís-Vinyals, J. Planelles-Salvans, C. Sanmartí, O. Palou, R. Lacuesta & D. Sancho
- 16.30 - 16.45 **Restoration of the dry stone masonry channel at the Monastery of L'Estany**
A.J. Morros & B.C. Puigferrat
- 16.45 - 17.00 **Topological and architectonic study of the cave houses in La Romana, Alicante (Spain)**
A. Martínez, V. Blanca & F. Aranda
- 17.00 - 17.15 **Study of the behaviour of agglomerates with lime: mortars, concretes, soils**
M. Camprubí, M. Cònsola & X. Vallory
- 17.15 - 17.30 **The house as a moving story. An ethnography of Andean domestic architecture**
J. Tomasi
- 17.30 - 17.45 **"Peasant plaster": from rocks to decorated ornaments**
I. Moulis & P. Bertone
- 17.45 - 18.15 **Coffee break**

Session IV. Moderator: José Ramón Ruiz Checa

- 18.15 - 18.30 **Mechanism of traditional screen in the architecture of Louis I. Kahn**
C.M. Vidal, I.E. Vidal & M.T. Palomares
- 18.30 - 18.45 **The energy management of the pre-modern expansion. The study case of Russafa (Valencia, Spain)**
I. Puig, F. Juan-Vidal, B. Serrano & C. Jiménez
- 18.45 - 19.00 **Lessons from the vernacular architecture in Sierra Mágina, Jaén**
J. García & C. López
- 19.30 - 20.00 **Round table at "Sala A - Aula Magna"**
H. Guillaud, M. Achenza, L. F. Guerrero, R. Picone, A. Zaragoza
- 20.00 - 20.30 **Closing Session & Awards Ceremony at "Sala A - Aula Magna"**
Partners of VerSus Project
- 22.00 **Official Closing Dinner**

TECHNICAL VISITS**Saturday 13**

For more details about the technical visits please check the information available at the Info-Registration Point.

Visit 1. Valencia City Center

09.00 - 13.00

The visit focuses on traditional building techniques and local constructive resources of the city of Valencia; recent studies concerning graduate and post-degree analysis, as well as competitive research projects carried out in UPV Campus, allow to underline constructive systems linked to bricks masonries, rammed earth walls, plasters, balconies, ceilings and roofs details among others.



Meeting point: at 09.00 at Plaza de la Virgen
Means of transportation: walking

Visit 2. El Cabanyal: From El Cabañal to the orchard

09.00 - 13.00

El Cabanyal, is an historical quarter developed along the Valencian coast. Its origin is linked to the port village of El Grao, founded by the king Jaime I in 1238. It is known for its architectural value, in particular for its urban fabric, which was settled based on the fishers' barracks, and for its traditional and vernacular architecture.



Meeting point: 09.00 at Plaza del Rosario
Means of transportation: walking

Visit 3. El Rincón de Ademuz (Valencia)

09.00 - 19.00

The visit will focus on the traditional architecture of the area called Rincón de Ademuz, in the district of Valencia. The village of Sesga and its surroundings will be the heart of the visit. During the trip it will be possible to be in touch with the local architecture and it will also be possible to visit some of the restored buildings.



Meeting point: 08.45 at Gate O at UPV
Means of transportation: bus

WORKSHOPS**Wednesday 10**

1. Building with earth. Rammed earth and adobe
2. Building structures with reed
3. Building funicular vaults

Building with earth. Rammed earth and adobe

Responsible: L. García, V. Cristini & V. La Spina

16.00 - 20.00

The workshop will consist on practical experiences of two types of earth construction: rammed earth construction and adobe manufacture. Participants will come into direct contact with these construction techniques and learn their fundamentals.

Building structures with reed

Responsible: A. Palamós

16.00 - 20.00

First of all, this workshop will offer a short introduction to selecting, cutting, drying and structural building with reed (*Arundo donax*). Afterwards, an architectural prototype with structure made of reed will be erected with its several formal, spatial and constructive possibilities, illustrating and hands-on learning how to build its respective constructive details.

Building funicular vaults

Responsible: J. M. Songel

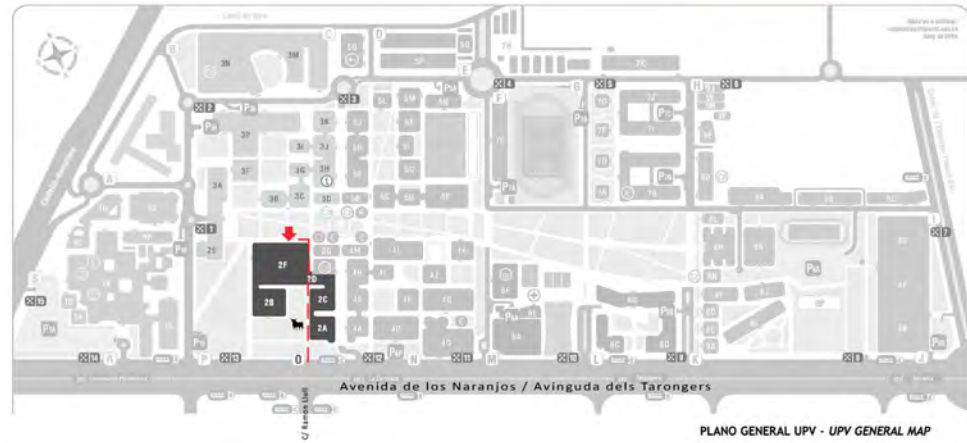
16.00 - 20.00

This workshop will consist in learning how to design funicular domes and vaults much in the way the method employed by the architect Antoni Gaudí to design the vaults of his buildings. Models of architectural spaces in scale will be built with the help of cloth, cords and gypsum, discovering the huge creative and spatial possibilities of this empiric method of designing vaulted structures.

VENUE



ENTRANCE



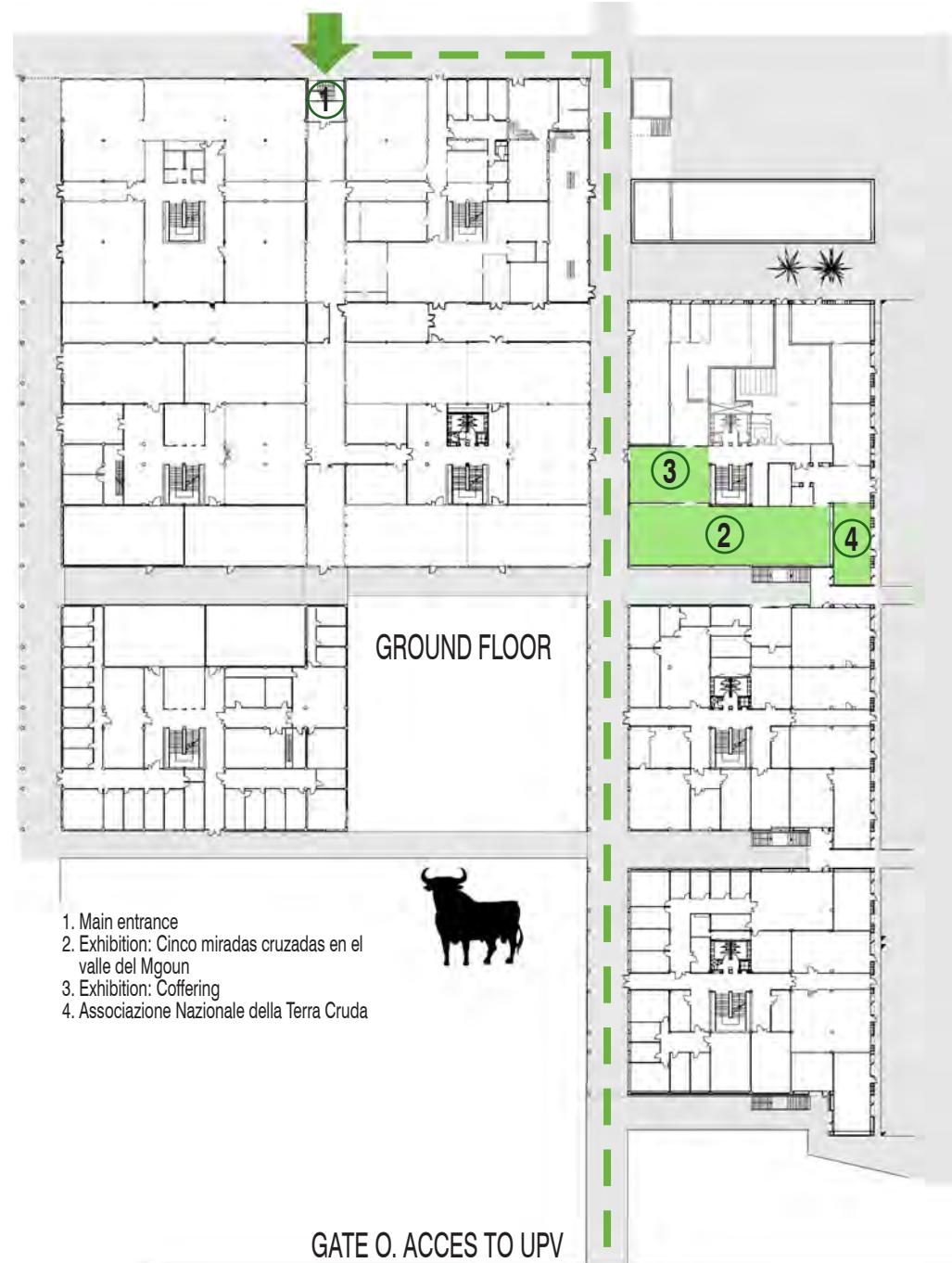
PLANO GENERAL UPV - UPV GENERAL MAP

VerSus 2014 Conference takes place at the School of Architecture of the Universitat Politècnica de València (UPV), Spain. The access to the School of Architecture is through Gate O of the UPV complex, which is at the intersection of Avenida de los Naranjos and Ramón Llull Street.

Once inside the complex, please follow the indications to get to the info-registration point of the Conference.

VENUE

ETSА - SCHOOL OF ARCHITECTURE



GROUND FLOOR

- 1. Main entrance
- 2. Exhibition: Cinco miradas cruzadas en el valle del Mgoun
- 3. Exhibition: Coffering
- 4. Associazione Nazionale della Terra Cruda



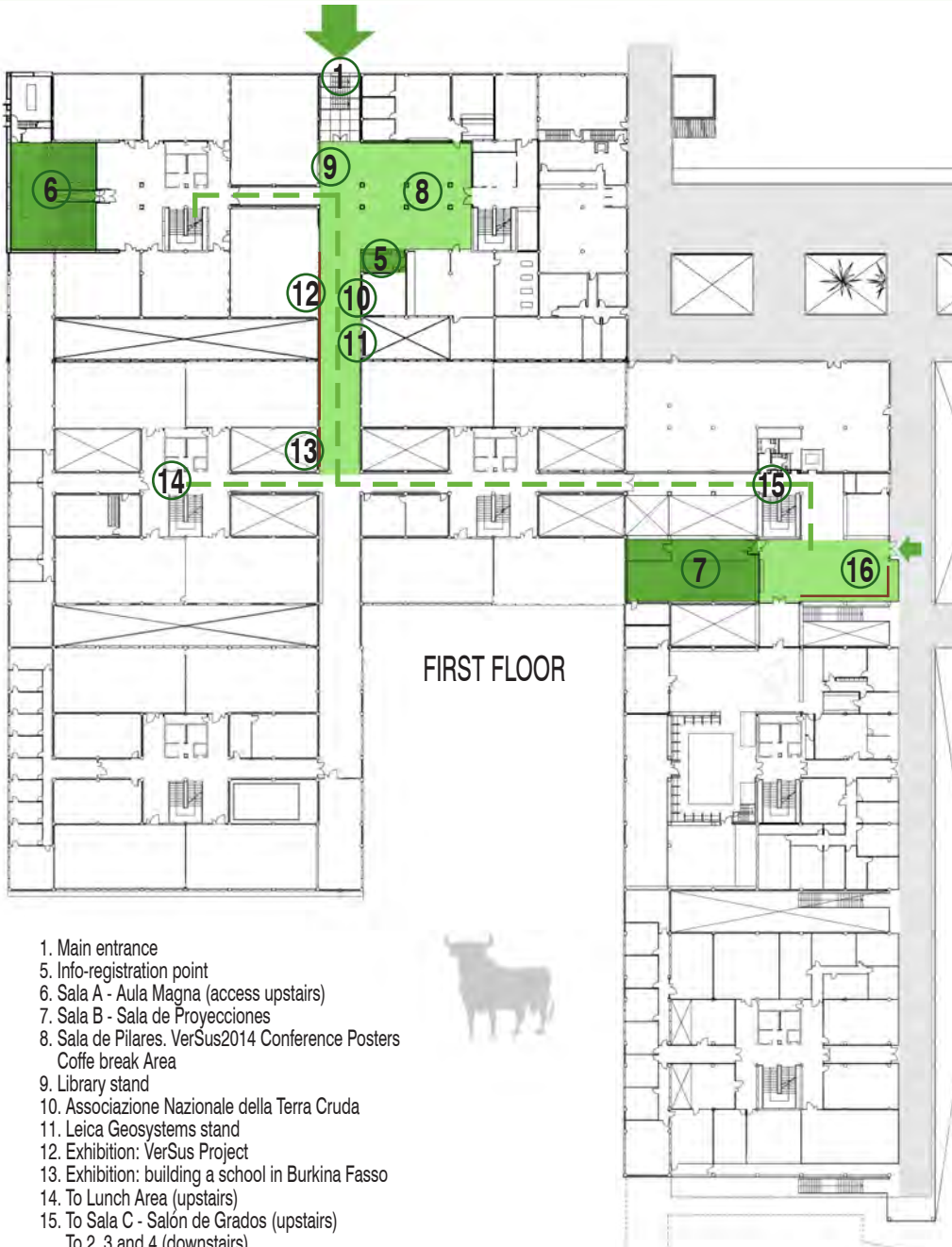
GATE O. ACCES TO UPV

VENUE

ETSA - SCHOOL OF ARCHITECTURE

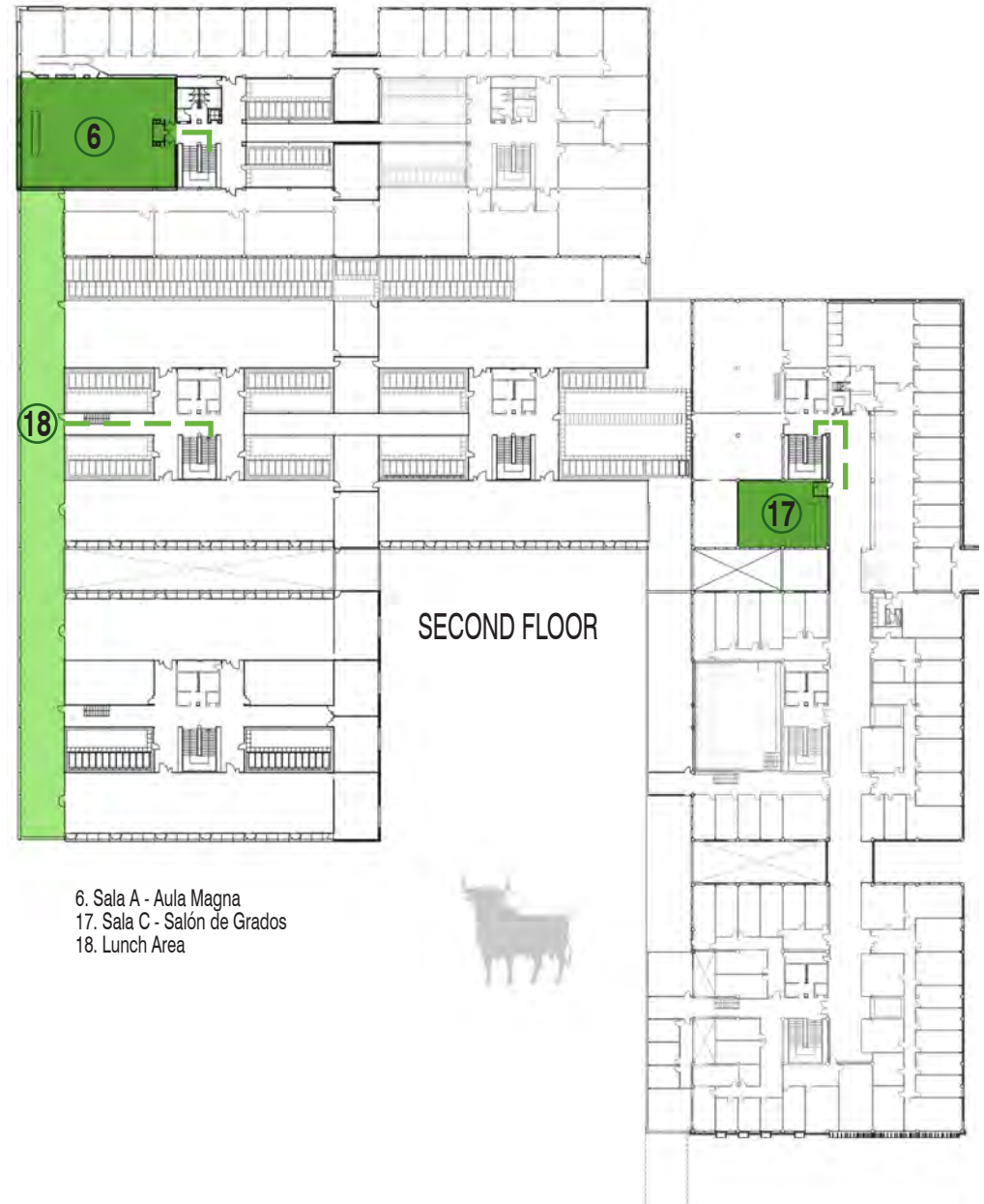
VENUE

ETSA - SCHOOL OF ARCHITECTURE



FIRST FLOOR

- 1. Main entrance
- 5. Info-registration point
- 6. Sala A - Aula Magna (access upstairs)
- 7. Sala B - Sala de Proyecciones
- 8. Sala de Pilares. VerSus2014 Conference Posters
Coffe break Area
- 9. Library stand
- 10. Associazione Nazionale della Terra Cruda
- 11. Leica Geosystems stand
- 12. Exhibition: VerSus Project
- 13. Exhibition: building a school in Burkina Fasso
- 14. To Lunch Area (upstairs)
- 15. To Sala C - Salón de Grados (upstairs)
To 2, 3 and 4 (downstairs)
- 16. Exhibition: ResTAPIA Project



SECOND FLOOR

- 6. Sala A - Aula Magna
- 17. Sala C - Salón de Grados
- 18. Lunch Area

OFFICIAL CLOSING DINNER

22.00 **Westin Valencia**
Amadeo de Saboya, 16



A. VerSus2014 Conference
B. Westin Valencia

