

# 2<sup>nd</sup>

**International Workshop**

on archaeology of european mountain landscapes

## LA CONSTRUCTION DES TERRITOIRES MONTAGNARDS *THE CONSTRUCTION OF MOUNTAIN TERRITORIES*



EXPLOITATION DES RESSOURCES ET MOBILITÉ DES PRATIQUES  
*RESOURCE EXPLOITATION AND PRACTICE MOBILITY*

GEODE (UMR 5602/CNRS)  
FRAMESPA (UMR 5136/CNRS)  
GEOLAB (UMR 6042/CNRS)  
Chrono-environnement (UMR 6249/CNRS)  
Université de Toulouse-Le Mirail - Maison des Sciences de l'Homme de Toulouse  
Université de Limoges  
Université de Clermont-Ferrand - Maison des Sciences de l'Homme de Clermont-Ferrand  
Maison des Sciences de l'Homme N. Ledoux de Besançon

October, 8-11, 2009

**University of Toulouse 2**  
Maison de la Recherche

# PROGRAM



# THE CONSTRUCTION OF MOUNTAIN TERRITORIES RESOURCE EXPLOITATION AND PRACTICE MOBILITY

## Thursday october 8<sup>th</sup> morning

8:00-9:30 : Reception and Registration

9:30-10:00 : Opening of the Workshop

Chair : Pr. Klaus Oegg (Botanical institute, Innsbruck, Austria)

10:00-10:20 : Cadre chrono-culturel, économique et premières exploitations du cuivre au Bronze ancien dans les Alpes nord-occidentales.

- B. MOULIN, E. THIRAUT, J. VITAL et M.-C. BAILLY-MAITRE

10:20-10:40 : Iron mining and smelting at high altitude from the late Roman to early medieval periods in the Mercantour massif (Alpes-maritimes, France).

- P. ROSENTHAL et D. MORIN

10:40-11:00 : Aux origines de la métallurgie pyrénéenne : premiers indices d'exploitation de cuivre et de fer dans les Pyrénées occidentales.

- A. BEYRIE et E. KAMMENTHALER

11:00-11:20 : Glacial fluctuations and exploitation of copper resources in the high mountain Alps in the late Neolithic and Bronze Age (2500-1500 BC)

- L. CAROZZA, E. CHAPRON, A. SIMONNEAU, P. ROSTAN, D. BOURGARIT, B. MILLE, H. GUYARD, G. SAINT ONGE, M. DESMET et A. BURENS

11:20-11:40 : Val Febbraro-Valle Spluga : A survey of the use of an upper mountain-alpine area in Central Italian Alps

- D. MOE

11:40-12:00 : Mountain summer farming of Western Norway. Land use history and development of cultural landscapes. Evidence from palaeoecology and archaeology.

- M. KVAMME

12:00-12:10 : Evolution of land use at Lake St Point (Jura Mountains, France) since the Neolithic period : palynological and sedimentological analyses.

- E. GAUTHIER, V. BICHET, A. LEROUX, A.-V. WALTER-SIMONNET, E. ROQUELLE, C. GROS et H. RICHARD

12:20-14:00 : Lunch break - Buffet

## Thursday october 8<sup>th</sup> afternoon

Chair : Dr. J.L. de Beaulieu (CNRS, Marseille)

14:00-14:20 : Plant economy of a seasonally occupied site at high altitude during the Neolithic : the rockshelter of l'Aulp du Seuil in the Chartreuse Massif (St Bernard du Touvet, Isère, France)

- L. MARTIN, C. DELHON, S. THIÉBAULT et D. PELLETIER

14:20-14:40 : Prehistoric colonization and land use of Central Alpine valleys related to climate data

- K. OEGGL et D. FESTI

14:40-15:00 : Environmental and rural archaeology of post-medieval terraced chestnut groves sites in NW Italian Mountains

- C. MOLINARI, A. M. STAGNO, C. VACCAREZZA

15:00-15:20 : Reconstructing past agro-sylvo-pastoral systems from environmental archaeology and historical ecology sites in Ligurian Mountain (Italy).

- R. CEVASCO, M.A. GUIDO, B.I. MENOZZI, C. MONTANARI, D. MORENO

15:20-15:40 : Evolution of biodiversity, functioning and human practices in agro-ecosystems: the comparison of Pyrenean (Cerdagne, Capcir) and Romanian (Mont Apuseni) mountain systems.

- C. BRUN, I. TANTAU, D. GALOP

15:40-16:00 : Coffee break

Chair : P. Allée (GEOLAB, CNRS, Limoges, France)

16:00-16:20 : Contribution of quantitative organic petrography to the reconstruction of high altitude mountains palaeoenvironments during the Holocene : a comparative study of Bramant & Blanc Huez proglacial lakes sedimentary infills (Grandes Rousses Massif, Western Alps, France).

- A. SIMONNEAU, E. CHAPRON, C. DI-GIOVANNI, Y. GRAZ, D. DO COUTO, M. DEBRET, E. LALLIER-VERGES, M.-C. BAILLY-MAITRE, F. ANSELMETTI, H. GUYARD, G. SAINT ONGE, M. DESMET, C. CHAUVEL, T. WINIARSKI, O. MAGAND, F. ARNAUD, L. CHARLET, P. DELINE, M. MAGNY, M.-A. MELIERES, P. FRANCCUS & X. FAIN

16:20-16:40 : Elevation-induced variations of pollen assemblages in the North-western Alps: a model for the quantification of lapse-rates and temperature evolution during the Holocene.

- E. ORTU, S. KLOTZ, E. BRUGIAPAGLIA, C. SINISCALCO, R. CARAMIELLO

16:40-17:00 : Spatial modeling approach of summer pasture grazing walks in an ethnoarchaeological perspective : a Pyrenean case study

- M. LE COUEDIC

17:00-17:20 : Rythmes et mobilité d'occupation du massif du Morvan du premier âge du Fer au haut Moyen Âge. Spatialisation et croisement des données archéologiques et paléoenvironnementales.

- I. JOUFFROY-BAPICOT et P. NOUVEL avec la collab. de J.-P. Guillaumet, Ch. Petit, F. Monna, B. Forel et B. Vannière

17:20-17:40 : Constructions et fonctionnalités des territoires de montagne en Pays de Soule (pays basque français).

- P. PALU et D. DE BORTOLI

17:40-18:00 : Discussion

18:00 : Apéritif-Buffer

## Friday october 9<sup>th</sup> morning

Chair : Dr. K. Walsh (University of York, U.K.)

9:00-9:20 : The EXCAVA project: new data about the human occupation, environmental history and landscape changes in southern Pyrenees.

- E. GASSIOT, M.-C. BAL, R. CUNILL, V. GARCÍA, A. PÉLACHS, R. PÉREZ-OBÍOL, D. RODRÍGUEZ, J.M. SORIANO

9:20-9:40 : L'exploitation des ressources des vallées andorranes du Madriu-Perafita-Claror et de la Chaîne du Cadi (Pyrénées orientales) depuis le Néolithique à partir des données archéologiques et paléoécologiques: mobilité des pratiques et dynamique des paysages culturels.

- J.M. PALET, H. ORENGO, A. EJARQUE, I. EUBA, Y. MIRAS, S. RIERA

9:40-10:00 : Populating and circulations in the valleys of the western internal Alps of Prehistory to Antiquity : the results of the study of a micro-region (hillsides of the Petit-Saint-Bernard Pass) confronted with the state of the knowledge in Tarentaise, Maurienne and Beaufortin.

- P.-J. REY, J. COLLOMBET, N. SCOCCIMARO, J.-M. TREFFORT

10:00-10:20 : Territorial practices, landscape dynamics and spatio-temporal mobilities in a French medium mountain: integrated approach combining archaeological and palaeoecological investigations performed in the Cantal Massif and the Mount Lozere (French Massif Central)

- PH. ALLÉE, M.C. BAILLY-MAÏTRE, S. BARON, P. GUENET, Y. MIRAS, V. NICOLAS, S. PARADIS, S. PETIT, A. PLOQUIN, M. PULIDO, R. ROUAUD, A. SAVIGNAT, G. SERVERA, F. SURMELY, S. TZORTZIS, B. VANNIÈRE, A.-V. WALTER-SIMONNET

10:20 -10:40 : Coffee break

Chair : J.M. Palet (ICAC, Taragonna, Spain)

10:40-11:00 : Wild fires in European Alps : frequent yesterday, rare today, frequent tomorrow?

- W. FINSINGER

11:00-11:20 : Exploitation of natural vegetal resources in Chalcolithic Areni-1 cave settlement (Armenia)

- R. HOVSEPYAN

11:20-11:40 : Mountain anthropization in northern Alps: a multidisciplinary look in the framework of *Pygmalion* research program

- F. ARNAUD, F. DAVID, C. DELHON, C. GIGUET-COVEX, P.-J. REY

11:40-12:00 : The *HIDRAM4000* project: land use, human occupation and landscape changes in Central Spain during the last 3000 years. The Somolinos lake record (1240 m a.s.l.), Sierra de Pela, Guadalajara province

- R. JULIÀ, A. CURRÁS, L. ZAMORA, F. MEZQUITA, J. ARMENGOL, J. REED, S. RIERA, M. A. MARQUÉS, E. GARCIA-SOTO, S. FERRERO, E. PASCUA, E. SÁNCHEZ-MORENO, H. ORENGO, I. VALLES

12:00-12:10 : Un exemple d'occupation de l'espace dans la montagne corse au bas Moyen Âge : peuplement et économie dans la *pieve* de Rostino

- D. ISTRIA et E. TOMAS

12:10-12:20 : A Cultural Landscape Research in a Mediterranean Mountain Area. The "Massis del Montseny project" (Barcelona-Girona).

- A. GARCIA MOLSOSA

12:30 : Lunch break

## Friday october 9<sup>th</sup> afternoon

Chair : Dr. E. Gauthier (Chrono-environnement, CNRS, Besançon, France)

14:00-14:20 : L'agro-pastoralisme en milieu montagnard. L'apport des « sépultures saisonnières »

- P. COURTAUD, P. DUMONTIER, F. CONVERTINI

14:20-14:40 : Prehistory of the Southern Appalachian Uplands of Tennessee

- J. D. FRANKLIN

14:40-15:00 : A history of transitions: human environmental interactions in the high altitude zone between the Neolithic and the Roman Period

- K. WALSH, F. MOCCI, S. RICHER, B. TALON, S. TZORTZIS, M. COURT-PICON

15:00-15:20 : Approche palynologique des dynamiques du peuplement et des activités agro-pastorales du massif de l'Aubrac (Massif Central, France)

- E. FAURE, D. GALOP, F. GUITER

15:20-15:40 : L'évolution végétale holocène sur le versant sud des Pyrénées occidentales

- M.-J. IRIARTE, B. HERNÁNDEZ-BELOQUI, A. ARRIZABALAGA, P. FERNÁNDEZ

15:40-16:00 : Coffee Break

16:00 -18:00 : Discussion and conclusion of the Workshop

19:00 : Reception at the Toulouse town Hall

20:30 : Workshop dinner at the "Caves de la Maréchale"

## PROGRAM OF THE EXCURSION

### Saturday October 10<sup>th</sup>

Departure Toulouse : 7:30  
(Meeting point will be indicated during the workshop)  
Lourdes bassin – Gave of Pau valley  
Ossau valley  
Anéou bassin  
Arrival at Montory approx. 19:00  
Dinner in Montory

### Sunday October 11<sup>th</sup>

Departure from Montory : 8:30  
Iraty forest  
Walk to the Occabe necropolis and peat bogs of the Iraty massif  
Sourzay peat bog  
Arrival at Toulouse approx. 20:30

