

Dr. Christoph Siart – Vorträge / talks

“Fusing surface and subsurface geodata: a case study on Cretan karst landforms”; (European Geosciences Union General Meeting, Vienna, April 2011)

“The spatial shift of the Cretan ecumene during the 2nd millennium BC: climate, social upheaval or both?”; (Les Journées des Jeunes Géomorphologues, Avignon, Februar 2011)

“The mountainous karst landscapes of Crete: Ancient settlement regions of high geoarchaeological interest”; (Landscape Archaeology. Egypt and the Mediterranean World, Cairo, September 2010)

“Terrestrisches Laserscanning und dessen Potentiale für angewandte Forschung im Bereich von Geomorphologie, Archäologie und Architektur“; (Vortragsreihe Transcultural studies, MathComp Heidelberg, Mai 2010)

“Digital geoarchaeology – an approach to reconstructing ancient landscapes at the human-environmental interface”; (SCCH 09 conference, Heidelberg, November 2009)

“Mediterranean karst depressions as geoarchaeological archives: Reconstructing the palaeoenvironmental history of Mount Ida (Crete) by geophysical prospection, geomorphologic investigations and mineralogical analysis“; (Int. Meeting on Geoarchaeology in Central Europe, Dresden, Mai 2009)

“Karst depressions as geoarchaeological archives: revealing the past human-environmental interactions of Zominthos (Crete) through geophysical prospection, geomorphologic studies and mineralogical investigations”; (European Geosciences Union General Meeting, Vienna, April 2009)

“Digital Geoarchaeology and Holocene palaeoenvironments: reconstructing the hidden landscape of Mount Ida, Crete”; (World Archaeological Congress WAC-6 Dublin, Juli 2008)

“Digitale Geoarchäologie mit Methoden der Fernerkundung und GIS: Anwendungsmöglichkeiten, Grenzen und Potentiale für Landschaftsrekonstruktionen“; (6. Deutscher Archäologenkongress Mannheim, Mai 2008)

“Reconstruction of the geoarchaeological landscape of Zominthos (central Crete) using geophysical prospection, geomorphological investigations and GIS”; (CAA 2008 Conference Budapest, April 2008)

“Neue Methoden zur Rekonstruktion einer geoarchäologischen Landschaft“; (Nacht der Wissenschaft- Metropolregion Rhein-Neckar, November 2007)

“Geoarchaeological studies in Central Crete based on Remote Sensing and GIS”; (CAA 2007 Conference Berlin, April 2007)

“Ile de la Réunion: ein Stück Europa im Indischen Ozean“; (Lange Nacht der Museen Heidelberg, April 2007)

“Geoarchäologische Untersuchungen auf Kreta - an der Nahtstelle von Geographie und Archäologie im östlichen Mediterranraum“; (Heidelberger Geographische Gesellschaft, Oktober 2006)

“Das minoische Kreta: digitale geoarchäologische Studien zur Paläoumweltgeschichte“; (Lange Nacht der Museen Heidelberg, April 2006)

Events & public outreach:

EGU 2011 European Geosciences Union conference, Vienna (session convener and organizer: GM 3.1 Advances in geoarchaeology: Using geomorphological techniques and digital applications for the analysis of past man-environment systems)

7th annual conference of the German working group on Geoarchaeology 2011, Heidelberg (conference organizer)

SCCH scientific computing and cultural heritage conference 2011, Heidelberg (member of scientific committee)

Posterpräsentationen / posters:

“Data fusion of electrical resistivity tomography and terrestrial laser scanning for the study of ancient water harvesting systems in the Dikti Mountains, Mirambello Crete“; (Jahrestreffen AK Geoarchäologie Heidelberg, Mai 2011)

“Terrestrial laser scanning in geoarchaeology - capturing one of the oldest settlement places in the high Andes of southern Peru“; (gem. mit M. Forbriger, European Geosciences Union General Meeting, Vienna, April 2011)

“Ancient water harvesting systems in East Crete as identified by geophysics and laser scanning“; (European Geosciences Union General Meeting, Vienna, April 2011)

“New approaches in vegetation mapping - use of terrestrial laser scanning on high Andean cushion peatlands“; (gem. mit M. Forbriger, European Geosciences Union General Meeting, Vienna, April 2011)

“Applying data fusion methods to landform mapping: a case study on Cretan karst systems“; (Jahrestagung Arbeitskreis Fernerkundung Heidelberg, Oktober 2010)

“Use of terrestrial laserscanning in karst geomorphology: applications and potentials“; (gem. mit M. Forbriger, Jahrestagung Arbeitskreis Fernerkundung Heidelberg, Oktober 2010)

“Terrestrial Laserscanning in Geoarchaeology: a case study on Bronze-Age findings from East and Central Crete“; (gem. mit M. Forbriger, International Colloquium on Geoarchaeology, Cairo, September 2010)

“Geophysikalische on-site Prospektion der minoischen Villa von Zominthos, Kreta“; (Jahrestreffen AK Geoarchäologie Frankfurt, Mai 2010)

“Digital Geoarchaeology and the spatial analysis of Mediterranean palaeoenvironments: Unravelling the Minoan landscape of Central Crete by remote sensing and GIS“; (Int. Meeting on Geoarchaeology in Central Europe, Dresden, Mai 2009)

“Geoarchaeological conclusions through investigating sediments, soils and minerals in karst depressions in Mount Ida, Central Crete“; (gem. mit I. Holzhauer: European Geosciences Union General Meeting, Vienna, April 2009)

“Multi-component mapping of karst features with remote sensing, digital elevation data and GIS: a case study from Central Crete.”; (EGU General Meeting, Vienna, April 2009)

“Digital archaeometry and the spatial analysis of Mediterranean palaeoenvironments: unravelling the Minoan landscape of Central Crete by remote sensing and GIS”; (European Geosciences Union General Meeting, Vienna, April 2009)

“Karstmorphological mapping of Mount Ida (Central Crete) with remote sensing, digital elevation data and GIS”; (3.Mitteleuropäische Geomorphologietagung, Salzburg, September 2008)

“Reconstruction of quaternary landscape evolution of Mount Ida (Central Crete) based on sedimentological, pedological and heavy mineral investigations in karst depressions”; (gem. mit I. Holzhauser; 3.Mitteleuropäische Geomorphologietagung, Salzburg, September 2008)

“Reconstructing the geoarchaeological landscape of Zominthos (central Crete) by geophysical prospection and geomorphological investigations”; (World Archaeological Congress WAC-6, Dublin, Juli 2008)

“Geomorphologisch- geoarchäologische Untersuchungen zur Rekonstruktion des holozänen Klima- und Landschaftswandels im Ida-Gebirge, Zentralkreta“, (Jahrestreffen AK Geoarchäologie Trier, Mai 2008)

“Reconstruction of palaeoenvironmental changes and their impact on Bronze-Age cultures: results from a geoarchaeological research project in the Ida-Mountains, Central Crete”; (European Geosciences Union General Meeting, Vienna, April 2008)

“Digitale Geoarchäologie mit Methoden der Fernerkundung und GIS: Eine Landschaftsrekonstruktion im Ida-Gebirge (Zentralkreta)“; (Institut für Klassische Archäologie, Nacht der Wissenschaft- Metropolregion Rhein-Neckar, November 2007)

“Geomorphologisch- geoarchäologische Untersuchungen zur Rekonstruktion der Mensch-Umwelt-Beziehungen im Umfeld der minoischen Siedlung Zominthos (Ida-Gebirge, Zentralkreta); (Nacht der Wissenschaft- Metropolregion Rhein-Neckar, November 2007)