



3 CrysAC workshop on

“Recent advances in the investigation of ancient mortars and binders”

Mérida, Mexico – May 20, 2018

- 9.00 opening **J.L. Ruvalcaba**, ISA2018 Chair - **G. Artioli**, CrysAC Chair
- 9.30-10.10 **A. Lindroos**
“Radiocarbon dating historical mortars: The sequential dissolution method”
- 10.10-10.50 **M. Martini, A. Galli, L. Panzeri, F. Maspero, E. Sibilía**
“Latest results in OSL mortar dating”
- Break
- 11.10-11.50 **G. Artioli, M. Secco, Y. Asscher, S. Tamburini**
“Pozzolanic behaviour of pre-Roman binders: a review”
- 11.50-12.30 **M.D. Jackson, H.-R. Wenk**
“Characterization of Cementitious Phases in Mortars of Roman Concretes and Analogies with Volcanic Tuffs”
- Lunch
- 14.00-14.40 **L. Barba, D. Barca, D. Miriello, A. Pecci, G.M. Crisci**
“Ancient mortars in Mesoamerica”
- 14.40-15.10 **Å. Ringbom, Alf Lindroos, Jan Heinemeier**
“Renewed dating of mortars from Merida Augusta”
- Break
- 15.30-16.00 **M. Toffolo, E. Boaretto**
“Distinguishing pyrogenic, geogenic and diagenetic calcium carbonate phases based on their degree of atomic disorder: implications for radiocarbon dating of lime plaster”
- 16.00-16.30 **M. Secco, A. Addis, A. Chavarria Arnau, G.P. Brogiolo**
“The synergy between archaeometry and archaeology in decoding ancient architecture”
- 16.30-17.00 **K. Janssens**
“MA-XRPD techniques in materials investigations”
- 17.00-17.10 Closing
- 18.30 **ISA Welcome Reception**