



3 CrysAC workshop on

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

Mérida, Mexico – May 20, 2018

Daniel Ayala Teather

- 9.00 opening **J.L. Ruvalcaba**, ISA2018 Chair - **G. Artioli**, CrysAC Chair
- 9.30-10.10 **M. Secco**, **A. Addis**, **G. Ricci**, **F. Marzaioli**, **F. Terrasi**, **I. Passariello**
“Radiocarbon dating historical mortars: review of the method and recent MODIS results”
- 10.10-10.50 **M. Martini**, **A. Galli**, **L. Panzeri**, **F. Maspero**, **E. Sibilia**, **Pierre Guibert**, **Petra Urbanova**,
Jean-Baptiste Javel
“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”
- 14.40-15.20 **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”
- Break
- 15.40-16.20 **S. Hueglin**, **P. Cassitti**
“Tracing Technological Transformation: mechanical mortar production in early medieval Europe”
- 16.20-17.00 **K. Janssens**
“MA-XRPD techniques in materials investigations”
- 17.00-17.10 Closing
- 18.00** **ISA Welcome Reception**