

## SCHEDULE\_ WORKSHOP OLD GOA REVELATIONS\_10-13<sup>TH</sup> JANUARY 2023

### Tuesday, 10<sup>th</sup> January (Evening)

16:00 – Meeting-point and welcoming of participants at the Archaeological Museum.

16:30 – Opening session (Director Museum ASI, N.K. Sinha; General-Consul of Portugal in Goa, Isabel Raimundo; S.A. Goa Circle H. A. Naik; Professor António Candeias; ASA Goa Circle Kishore Raghubans; Professor Fernando António Baptista Pereira)

17:30 – Introduction to OGR project (Teresa Reis)

18:00 – Visit to the portrait gallery and the set-up of the scientific equipment and working areas (António Candeias+Sara Valadas)

18:45 – Plans for a new display of the portrait gallery (Kishore Raghubans+ Fernando António Baptista Pereira)

19:30 – Social Dinner (venue to be confirmed)

### Wednesday, 11<sup>th</sup> January

#### MORNING

MODULE 1: First approach to the study of the portrait paintings: observation, documentation, interpretation, and conservation issues

Introduction lecture – TERESA REIS

Practical work: Fernando António Baptista Pereira + Teresa Reis + David Reis

- Direct observation. Record of historical, artistic, and technical details
- Formal and iconological features of court portrait painting
- Comparison with reproductions and other historical sources of the portraits
- Assessment of conservation condition (support and paint layers)
- Support of digital microscope (Dino-lite)

Case-studies: To be selected on-site



AFTERNOON

MODULE 2: Imaging techniques applied to the examination of cultural heritage

Introduction lecture – ANTÓNIO CANDEIAS

Practical work: António Candeias + Luís Piorro + Teresa Reis

- f) Support of imaging techniques (part I): Visible/ Raking Light/ UV fluorescence photography
- g) Technical documentation/ data interpretation

Thursday, 12<sup>th</sup> January

MODULE 3: LOOKING THROUGH PAINTINGS. IMAGING TECHNIQUES (part II) FOR THE IDENTIFICATION OF UNDERLAYERS AND OTHER TECHNICAL FEATURES

Practical work: António Candeias + Luís Piorro + Sara Valadas + Teresa Reis

- h) Infrared Reflectography (identification of inscriptions and intermediate underlayers)
- i) X-Ray Radiography (identification of the original compositions)

MODULE 4: MOLECULAR ANALYSIS FOR THE IDENTIFICATION OF PAINTING MATERIALS AT SURFACE

Introduction lecture – PETER VANDENABEELE

Practical work: Peter Vandenabeele + Sara Valadas

- j) Portable RAMAN spectrometer in the identification of pigments

Friday, 13<sup>th</sup> January

MODULE 5: CHEMICAL ELEMENTAL ANALYSIS FOR THE IDENTIFICATION OF PIGMENT MIXTURES IN DIFFERENT LAYERS

Introduction lecture – ANTÓNIO CANDEIAS+ SARA VALADAS

Practical work: Sara Valadas + Ana Machado + António Candeias



- k) X-RAY FLUORESCENCE SPECTROMETER\_TRACER
- l) X-RAY FLUORESCENCE SPECTROMETER 2D MAPPING\_CRONO

## MODULE 6: BIODEGRADATION AND MOLECULAR APPROACHES

Introduction lecture – ANA TERESA CALDEIRA

Practical work: Discussion of case-studies

## FINAL SESSION: ROUND TABLE

- Multidisciplinary interpretation of data: cross-linking data – ALL PARTICIPANTS
- Expectations and proposals for the final exhibition – KISHORE RAGHUBANS + FERNANDO ANTÓNIO BAPTISTA PEREIRA
- Handing of training certificates

