DIAGNOSTIC CAMPAIGN OF 12 PAINTINGS BELONGING TO THE NORTH CAROLINA MUSEUM OF ART COLLECTION

Materials characterization and definition of the state of conservation by means of imaging techniques (UVf, IRR, IRfc) and integrated non-invasive spectroscopic measurements (FO RS, TR-FTIR)
EXAMINED PAINTINGS

1 - ICC
Unknown artist "Illumination Cut from Canticle" c. 2nd half 15th century,
26.4 x 21.6 cm
Painting on parchment

2 - VCCA
Pavian School "Virgin and Child Crowned by Angels w/ Saints and Donor" c.1400,
34.0 x 24.1 cm
Wood painting

3 - MM
Pseudo-Jacopino di Francesco “Mary Magdalene”
Tempera and gold and tin leaf on panel
**EXAMINED PAINTINGS**

4 - SCA

Pseudo-Jacopino di Francesco “St. Catherine of Alexandria Freed from the Wheel”
1325–1330
63.5 x 81.9 cm
Tempera and gold leaf on panel

5 - HF

Tiziano Vecellio (Titian) "Holly Family"
c.1507-8,
19.1 x 16.2 cm
Painting on wood

6 - VC

Francesco Francia "Virgin and Child"
c.1495-1500,
88.3 x 56.5 cm
Wood Painting
EXAMINED PAINTINGS

7 - MCS
Master of San Torpe "Madonna and Child with Saints"
c.1320,
50 x 39.4 cm
Wood Painting

8 - HV
Jacopo de Barbari (attrib.), "Henry V, the Peaceful"
17x12.18 inches
Oil and/or tempera on panel

9 - CBS
Sansepolcro Master "Christ Blessing"
c.1340-50,
45.4 x 36.2 cm
Wood Painting
EXAMINED PAINTINGS

10 - PM
Piedmont School "The Procession of the Magi"
c.1430-40
31.8 x 41.9 cm
Wood Painting

11 - AS
Piedmont School "Adoration of the Shepherds"
c.1430-40
31.8 x 41.9 cm
Wood Painting

12 - CTB
Luca di Tommè "Christ Blessing"
c.1355-60,
58.1 x 33.7 cm
Wood Painting
Laser sampling:

26) for the overpainting
  1) Blue
  3) Red (X2) HPLC
  20) Violet (X2) HPLC
  21) Gold
2 - VCCA

26 XRF-FORS
2 RAMAN
3 TR-FTIR
3 SAMPLES

Pavian School "Virgin and Child Crowned by Angels w/ Saints and Donor" c.1400,
34.0 x 24.1 cm
Wood painting

Laser sampling:

VCCA1) Blue
VCCA2) Blue
3) for the overpainting
VCCA3)
1) Or close to one scalpel sampling close to the frame for the Gold
20) Painting present underneath
16) Repainted faces
2 - VCCA
Pseudo-Jacopino di Francesco “Mary Magdalene”
Tempera and gold and tin leaf on panel

Laser sampling:

1) Red (X2) HPLC
2) Blue
3) Gold
4) MM1
5) MM2
6) MM3
3 - MM
3 - MM

3 SAMPLES
4 - SCA

14 XRF-FORS
3 RAMAN
2 TR-FTIR
3 SAMPLES

Pseudo-Jacopino di Francesco “St. Catherine of Alexandria Freed from the Wheel” 1325–1330
63.5 x 81.9 cm
Tempera and gold leaf on panel

Laser sampling:

SCA1) Red (X2)
HPLC
SCA2) Red (X2)
HPLC
SCA3) Blue
10) Gold
4 - SCA
Tiziano Vecellio (Titian) "Holly Family"
c.1507-8, 19.1 x 16.2 cm  
Painting on wood

Laser sampling:

HF_01)  
HF_02)  
10) Red  
6) Blue
5 - HF

VIS

IRfc
2 SAMPLES
Francesco Francia "Virgin and Child"
c.1495-1500,
88.3 x 56.5 cm
Wood Painting

Laser sampling:

VC1) Blue/Green
VC2) Blue
VC3) Gold
VC4) Red
VC5) Green
VC6) Scalpel sample
6 - VC

6 SAMPLES