

## **Senior Imaging Scientist at Louvre Abu Dhabi, UAE**

### **Company Description**

Louvre Abu Dhabi is a new cultural beacon, bringing different cultures together to shine fresh light on the shared stories of humanity.

In March 2007, the government of United Arab Emirates and France formed an unprecedented partnership for cultural exchange, and the highlight of this was the establishment of Louvre Abu Dhabi on Saadiyat Island. The partnership combines the UAE's bold vision of cultural progression and openness, with France's expertise in the world of art and museums.

Louvre Abu Dhabi champions cultural achievements from prehistory to the present day. The galleries are not separated by geography but set in chronological order, the aim is to encourage respect, curiosity, learning and self-reflection.

### **Opportunity**

Louvre Abu Dhabi is looking to appoint a Senior Imaging Scientist to join the Research Laboratory to perform radiography, CT scanning of cultural heritage objects and research aimed at understanding, preserving, and interpreting objects from the museum diverse collection in collaboration with curators, conservators, and other museum staff. The laboratory has been operational for a year and a half, and the radiography/CT scanning room is currently under construction and should be available by the end of 2024. The new scientist will follow the construction of this new facility and then lead its involvement in laboratory projects.

### **Key duties include:**

- Conduct radiography and CT scanning of museum objects to contribute as part of collaborative projects to the broader study of works of art, study aging and deterioration processes of materials.
- Carry out all radiography and CT scanning studies of the laboratory and work closely with researchers performing other imaging studies such as technical photography, MA-XRF, hyperspectral imaging. This includes both data acquisition and data processing.
- Responsible for the maintenance of all the radiography and CT scanning equipment of the laboratory.
- Maintain excellent records of research and analysis, contribute to the management and archiving of scientific data. Communicate research results through written reports, museum publications, journal publications and conference presentations aimed at the scientific community and art conservation practitioners.
- Foster understanding and assimilation of scientific information among curators, conservators, collection managers, museum engineers, educators, other staff and the general public.
- Instruct and supervise interns, Master and PhD students in radiography and CT scanning projects.

## **Required Qualifications & Experience**

- PhD in physics, radiology, or any other relevant field.
- 7+ years' experience in radiography, CT scanning and other advanced complimentary analytical or data-processing techniques applied to cultural heritage in a museum environment.
- Demonstrated ability to show initiative and resourcefulness in handling difficult and unusual analytical and technical problems.
- A working cross-cultural knowledge of art, art history, artists' materials and techniques, and routine art conservation practices is desirable.
- Excellent writing and verbal communication skills in English, knowledge of one or more foreign languages, in particular Arabic or French, is an added value.
- Record of peer-reviewed research and publications in cultural heritage science or in conservation-related themes and topics.
- Ability to effectively disseminate and communicate the work of conservation science to non-technical audiences, including the general public.
- Strong interest in collaborative and multi-disciplinary research and ability to work collaboratively with conservators, curators, collections management staff, museum educators, academic scientists, scientists from other museums is essential.
- Demonstrated organizational skills with a high attention to detail.

## **Salary Range**

30,000-33,000 AED/month full-time (Emirati Dirhams)

If you are interested in this position, please send a cover letter detailing your vision for the position, a CV including references, and three relevant publications to:

[careers@louvreabudhabi.ae](mailto:careers@louvreabudhabi.ae)