TEMPLATE FOR ADVERTISING RESEARCH POSTS
based on indications given by par. 4.4.1 of the
"Report of the Working Group of the Steering Group of Human Resources Management under the European Research Area on Open, Transparent and Merit-based Recruitment of Researchers"

Recruiting Department/Research Unit: Department of Humanities

Title: Artificial Intelligence at the service of culture: digitisation and recovery of Leopardi's heritage. Application of AI to automated metadata processes for cultural heritage and recovery of compromised digital files

Offer description:

The selected research fellow will have to study strategies for integrating Artificial Intelligence to the management and preservation flows of digital content (images and audio-visuals) resulting from digitisation processes. In particular, the activity of the fellow will have to focus on two complementary aspects: firstly, to verify if, how and at what level of granularity it is possible to apply AI models to enhancing metadata of digital objects according to the METS standard with the aim of making the process automatic; secondly, to study ways and perspectives of using AI to recover digital files compromised either by the natural obsolescence of digital supports and data structures, or by the deterioration or poor quality of the analogue documents from which they derive.

Researcher career profile:

- *R1 First Stage Researcher (up to the completion of PhD)*
For further details https://euraxess.ec.europa.eu/europe/career-development/training-researchers/research-profiles-descriptors

Location: Macerata, Italy

Type of contract:

- *temporary*

Job status

- *full time*

Expected start date and duration of the contract: 8 (eight) months. The exact start date will be provided after the selection process.

Annual gross salary: € 10.016,00

Selection criteria: Master's Degree in Archivistic, Informatics and Digital Humanities

Preferential selection criteria:

- PhD, Master or other postgraduate courses on Digital Humanities or Artificial Intelligence;
- Proven experience in the field of AI;
- Master in digital archives;
- Excellent computer skills.

Application deadline: 01/10/2025 1 p.m.

Indicate: date and timing (CET time). Deadline should be at least 2 months from the publication date, taking into duly account holiday periods.

Full details are available at: https://www.unimc.it/it/ateneo/bandi-e-concorsi/finaziamenti-ricerca/bandi-assegni-ricerca

Enquiries can be made to Ufficio Ricerca Scientifica e Dottorato – ufficio.ricerca@unimc.it

DISCLAIMERS

- The University of Macerata has adopted an OTM-R (Open, Transparent and merit-based Recruitment) policy within the framework of its Human Resources Strategy for Researchers; see **https://www.unimc.it/it/ricerca/hrs4r/la-policy-otm-r-open-transparent-and-merit-based-recruitment-of-researchers**

- The University of Macerata pursues an equal opportunities and diversity policy as well. Among facilities, a kindergarten is available for university's employees. Specific facilities and services are also dedicated to employees with disabilities (transportation services, specific technologies for studying).