2019-IPR-E3-FGIV-012650	**FG IV – Scientific Project Officer - Image analytics Scientist**

Position for: **FGI IV- Scientific Project Officer**	As the science and knowledge service of the Commission, the mission of DG Joint Research Centre is to support EU policies with independent evidence throughout the whole policy cycle. The JRC is located in 5 Member States (Belgium, Germany, Italy, the Netherlands and Spain). Further information is available at: https://ec.europa.eu/jrc/ The current vacancy is with the Cyber and Digital Citizens' Security Unit, Space, Security and Migration Directorate, located in Ispra, Italy. The mission of the Unit is to strengthen trust and security of the European Citizen in a sustainable and inclusive ICT-based European society by scientific research on how emerging Information and Communication Technologies will impact the security and privacy of citizens' daily life. The unit works on risk mitigation, cyber security, cybercrime, data protection, privacy and on the associated legal and regulatory frameworks. The successful candidate will contribute to the activities of the Cyber and Digital Citizen Security Unit aiming at strengthening the citizen' security and privacy by exploring innovative forensic technologies to support the fight against organised crimes. He/she will conduct scientific and technical studies in the area of cybersecurity and fight against cyber-dependent crime domains to support the new strategic agenda 2019-2024 and its first priority: protecting citizens and freedoms. He/she will carry out the following tasks: • study and develop digital forensic techniques related to image analytics and computer vision; • contribute to the development of fingerprinting application of multimedia devices; tattoo and object detection and recognition; • contribute to and support the scientific organization of workshops with community, industry and academy stakeholders; • prepare scientific papers and technical reports. Qualifications: The successful candidate has a PhD degree - or a minimum of 5 years of full-time research or working experience after the first University degree giving access to doctoral (PhD) studies in the field of information engineering, machine learning and deep learning technique, image analytics, and computer vision. The following qualifications are also required: • image and video analytics techniques for forensic purpose;

	• machine learning and deep learning; • ability to work in a multicultural environment; • good level of spoken and written English (B2). The following qualifications are an asset: • solid experience with statistical classifiers and data analysis; • experience in pattern recognition and soft biometrics; • good knowledge of programming languages such as C/C++/C#, Python, MATLAB; • solid knowledge of machine learning libraries such as OpenCV, libSVM, Tenfosorflow/Theano/Keras; • experience with digital forensic techniques; • relevant publications in peer-reviewed journals and international security conferences.
Directorate **Unit**	Space, Security and Migration Cyber and Digital Citizens' Security Further information: http://ipsc.jrc.ec.europa.eu
Indicative duration	36 months initial contract with possible renewals up to maximum 6 years
JRC Site **Country**	Ispra Italy
Rules and eligibility	The candidate must be on a valid EPSO reserve list for Function Group IV contract staff. If you are not in any valid EPSO reserve list for Function Group IV contract staff, you can still apply by following these steps. You express your interest by applying to the CAST Permanent or to the permanent JRC Call for researchers. 1. CAST Permanent: open-ended selection procedure to create a pool of candidates from which the institutions, bodies, offices and agencies of the European Union (EU) can recruit contract agents. https://epso.europa.eu/documents/2240_en 2. JRC Call COM/1/2015/GFIV – Research: open-ended selection procedure to create a pool of candidates from which mainly the JRC can recruit contract agents FGIV as researchers. Details available at the link below: https://ec.europa.eu/jrc/en/working-with-us/jobs/vacancies/function-group-IV-researchers Only then you can apply for this specific position, through http://recruitment.jrc.ec.europa.eu/?type=AX **Auxiliary contract staff:** https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-

	positions/contract-staff-members
	Article 3b of the Conditions of Employment of Other Servants of the European Union applies: the actual period of employment within the Commission under this type of contract, including any period under renewal, shall not exceed 6 years.
	Please note that in case a high number of applications is received only shortlisted candidates will be contacted.