

Università Ca'Foscari Venezia

## Area Risorse Umane

Ufficio Personale Docente e CEL Decreto del Rettore nr. 74/2018 Prot n. 5720 del 31/01/2018 Titolo II Classe 13

Scope: Public selection of 13 "Visiting Scholars" (7 Senior and 6 Junior)

# THE RECTOR OF CA' FOSCARI UNIVERSITY OF VENICE,

# AFTER HAVING TAKEN INTO CONSIDERATION THE FOLLOWING FACTORS:

Italian law no. 240 of 30 December 2010;

the Statutes of Ca' Foscari University of Venice;

General Director's Decree 4/2017;

Ca' Foscari's Code of Ethics;

Ca' Foscari's Code of Conduct;

Ca' Foscari's Anti-Sexual Harassment Code;

Ca' Foscari's regulations regarding Visiting Professors and Visiting Scholars, where applicable;

Ca' Foscari's regulations governing the university's Research and Internationalization

Support Fund, where applicable;

Ca' Foscari's regulations governing the assignment of self-employment assignments to non-university staff, where applicable;

the university Senate's resolution of 31 May 2017; and

the resolution of the Board of Governors of 9 June 2017,

# DECLARES THAT CA' FOSCARI WILL SELECT 13 VISITING SCHOLARS AS OUTLINED HERE BELOW:

## Art. 1 - Objectives

As part of its internationalization initiatives, Ca' Foscari University of Venice is launching a Call for Applicants for Visiting Scholar Fellowships (individual mobility grants). This Visiting Scholar program will provide funding to 13 researchers (7 Senior researchers and 6 Junior researchers) with established research experience.

The candidates chosen for the fellowships will be invited to carry out two activities: (1) to collaborate on research activities with the appropriate department(s) of Ca' Foscari University of Venice within one of the thematic areas listed in the "Profiles" section of this document; and (2) to contribute to the appropriate departments' academic activities (seminars) held in English.

# Eligible applicants are researchers affiliated with foreign universities.

Experience in leading research groups and conducting/coordinating international projects and a proven aptitude for obtaining research funding will be highly valued. Candidates must be fluent in English (both written and spoken). Although knowledge of the Italian language would be considered a practical advantage, it is not required.

There are two categories of candidate:

# Senior researcher (Advanced Fellowship)

Ca' Foscari Dorsoduro 3246 30123 Venezia

Settore Carriere T 0412348384 T 0412348223 pdoc.carriere@unive.it

Settore Concorsi T 0412348269 T 0412348217 pdoc.concorsi@unive.it

Settore CEL T 0412348235 T 0412348370 cel.carriere@unive.it

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Researchers of any nationality with at least 10 years of post-doctoral experience. These candidates apply for a Visiting Scholar fellowship lasting 2 months.

### Junior researcher (Young Talent Fellowship)

Researchers of any nationality with 2-12 years of post-doctoral experience. These candidates apply for a Visiting Scholar fellowship lasting 3 months.

#### Art. 2 - Financial Terms

The total budget allocated to the Visiting Scholar fellowships by Ca' Foscari is €156,000.00, which will cover the Individual Mobility Contribution of the 13 Visiting Scholars.

Each grant will be worth up to a maximum of €12,000.00 (gross – corporate cost, for each Visiting Scholar).

## Art. 3 – Application

Applications must be presented using the attached form [Form 1] which must be sent by email to pdoc.incarichi@unive.it together with the following documentation:

- 1. CV of the candidate. including a list of the most important publications/monographs published within the last years, and/or a list of the candidate's activities as a guest speaker at international conferences (in English); 2. Motivation letter (in English);
- 3. A copy of a valid identity document (either a European identity card or a passport).

Candidates must submit their applications BY NO LATER THAN 12:00PM on 30 March 2018.

#### Art. 4 - Selection Procedure

Each university department will propose a selection committee that will then be officially approved and appointed by the Rector.

Each departmental committee will evaluate candidates on the basis of their curriculum vitae and motivation letter.

In the event that two or more candidates are judged to be of equal merit, priority will be given to candidates coming from universities with which Ca' Foscari has a cooperation agreement.

Successful candidates will receive a formal email from the competent department outlining the procedure for accepting or declining the offer of the Visiting Scholar fellowship.

#### Art. 5 - Activities

Once the Visiting Scholars have terminated their fellowships, they will be asked to prepare a detailed report of the activities they carried out. The appropriate departments will then send these reports to the Office of Human Resources and the Research Office.

## Art. 6 - Additional Conditions

Successful candidates must sign a contract/assignment letter which will provide for the reimbursement of expenses (flat or actual) associated with travel, subsistence and accommodation costs up to a maximum of €12,000.00 (before taxation) for the whole period of two months (for senior researchers) or three months (for junior researchers).

The amount paid to Visiting Scholars will be taxed in accordance with Italian law.

Visiting Scholars from outside the European Union must obtain a visa before they arrive in Italy.



Visiting Scholars will be also invited to sign an "Affiliation Form" required by the university's regulations regarding Visiting Professors and Visiting Scholars. The Affiliation Form does not substitute the contract signed with Ca' Foscari.

Any additional activities associated with a Visiting Scholar fellowship must be authorized by the departments to which the Visiting Scholars have been assigned. Ca' Foscari will not be responsible for any additional expenses.

Each department hosting a Visiting Scholar must guarantee access to its facilities, internal data system and campus buildings for the entire duration of the scholar's stay. Visiting Scholars will receive their reimbursement at the end of their contract.

#### Art. 7 - Declaration Concerning the Use of Personal Data

All personal information communicated by a candidate within his or her application will be treated with confidentiality and used only for the purposes associated with their assessment as a candidate for a Visiting Scholar fellowship. Ca' Foscari is under obligation to respect Italian and EU legislation governing the protection of personal data. The only purpose of data collection during the application process is to gather the information necessary for candidates' evaluation during the selection process.

F.to Prof. Michele Bugliesi Rector

	II Direttore Generale
	Dott. Antonio Marcato
Data	

Il responsabile del procedimento	La Dirigente ARU	Visto per regolarità contabile (*)
Dott. Patrik Sambo	Dott.ssa Monica Gussoni	
Data	data	data

(\*) In caso di impegno di spesa (art. 35 del Regolamento per l'Amministrazione, la Finanza e la Contabilità). Il presente documento in originale è archiviato presso **la ARU – Ufficio Personale Docente** e CEL dell'Università Ca' Foscari Venezia, a cui è possibile rivolgersi per chiedere copia



## PROFILES

NR/S (Senio r)/J (Junio r)	Department	Reference GLOBAL CHALLEN GE	TOPIC	Description of the research topic and its strategic relevance
1- S	Department of Linguistics and Comparative Cultural Studies	Creative arts, cultural heritage and digital humanitie s	Cultur al Herita ge	The reduction of linguistic and cultural diversity in the world has increased in the second half of last century and risks increasing even further in the current century. See the page of the Linguistic Society of America (http://www.linguisticsociety.org/sites/default/files/End angered Languages.pdf where it is said that 90% of the languages spoken today (around 7.000, if we disregard their dialects) are endangered. With them the cultures of the speakers of those languages also risk disappearing. In relation to this recently there has been a significant international mobilization to arrest the phenomenon and to try and save as much as possible the linguistic and cultural heritage of at least a number of languages and cultures (through political actions and through the introduction of measures aiming at documenting and revitalizing the most endangered cases - UNESCO, among other organizations, has formed an ad hoc unit on endangered languages with the aim of documenting the rojects throughout the world which are involved in this endeavour (we cite some of them in the next section). The group of researchers responsible for the present project is already engaged in the study of a number of endangered languages with the aim of documenting their grammar and their cultural heritage (among them Arberesh, the Albanian variety spoken in Calabria, Griko, currently spoken by few dozen people in Puglia, lstro-romanian, spoken in Croatia). With this fellowship we intend to involve an expert who has worked with endangered languages in other geographical areas, with particular reference to the South-East Asian continental and insular areas, the idea being to compare the experience and the methodology concerning the documentation techniques of endangered languages and cultures.
2 - S	Department of Linguistics and Comparative Cultural Studies	Cross cultural and area studies	Transn ational history	Through one or more case studies, the research analyses the birth, evolution and results - in terms of international mobilization - of the social movements opposing the adoption of structural adjustment plans in the indebted countries during the 1980s and 1990s. Located at the crossing between international history, transnational history, and political sociology, the research integrates strategically the projects followed by the proponents, namely the PRIN 2015 "The Making of the Washington Consensus" (of which the DSLCC hosts a local unit). The strategic significance of this research in the DSLCC is further testified by the growing attention dedicated by the scholarly community to the interaction between economic-social and linguistic factors in determining the results of international negotiations on foreign debts.



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3-5	Department of Philosophy and Cultural Heritage	Creative arts, cultural heritage and digital humanitie s	Reflect ive societi es	Science, Technology and Society professor to work at the Science Gallery Venice. Science and technology permeate every aspect of our lives, from the most private decisions about reproduction and medical treatment to the most public choices concerning risk, development, security, and the quality and sustainability of the human environment. Virtually every dilemma that confronts people and governments in contemporary societies demands significant engagement with science and technology. STS teaching would promote cross-disciplinary integration, civic engagement, and critical thinking. It will help to illuminate issues of professional responsibility and ethics. Such teaching would build bridges between disciplines that do not ordinarily meet each other in the undergraduate curriculum, such as sociology and science, anthropology and technology, environmental science and political theory, or technology and philosophy. It offer ways of integrating knowledge in areas that are impossible to grasp through any single discipline; examples include security studies, environmental studies, globalization, the human sciences, and biology and society. This teaching will enable students and researcher to form more robust understandings of the nature of controversy, the causes of scientific and technological change, the relationship of culture and reason, and the limits of rational analytic methods in characterizing complex problems.
4 - S	Department of Management	Creative arts, cultural heritage and digital humanitie s	Creati ve industr ies	Sharing creative economy, participatory heritage and digital humanities. Collaborative and interdisciplinary research and innovation in order to co-design and foster, strategies and practices for engaging communities in innovative models of governance, user-driver innovation and value production around creative arts, cultural heritage and digital humanities. Research will deliver evidence-based guidance for cultural and creative organisations, institutions, and communities on how to can best achieve and measure engagement between institutions and communities. Research will map and analyse institutional and community practices in participatory creative arts, cultural heritage experiences together with communities, to develop and test innovative participatory economy models for arts and heritage, to provide pathways to policy for shaping participatory governance of arts and heritage. Research will contribute to the development and application of cross-disciplinary research methods for participatory tools, explorative frameworks and practice-led methods for citizens' engagement and emotion data from neighbourhoods and communities and heritage.



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5 - S	Department of Asian and North African Studies	Cross cultural and area studies	Cultur al history	History of Emotions in Classical Arabic Texts In several studies, attempts have been made to describe and analyze emotional concepts in different genres of Arabic literature. With regard to the rich heritage of premodern Arabic texts in particular, it is worthwhile to continue to try to understand emotional patterns, conventions, representations, communities and constellations. Further research would have to take into account the observation that emotions are subject to definition, semanticization, formation, and recognition and thus have to be both narrated and sorted. Therefore, in addition to that, this research approach would be linked to investigate the tendencies of classification and sorting operations in the 9th and 10th centuries. To look at emotions in the framework of a specific narrative pattern and to contextualize them within the encyclopaedic impetus of the age will provide us with another means of understanding the history of emotions and the way Arabic authors of the time defined intellectual spaces and used a certain terminology. By re-reading well-known adab works with this twofold perspective, new insights are expected regarding narrative structures, organizing principles and the different aspects of an emotional landscape of the time.
6 - S	Department of Management	Economic s and managem ent of innovation and entrepren eurship	Netwo rks and supply chain evoluti on	The proposed senior fellowship will be awarded for research and teaching activities on the specific topic of "The automotive industry and European integration: Making Sense of an Historical Process". EU regulatory environment in its focus on smart and sustainable development orientates the growth's path and competitiveness of the European automotive industry. This is not a new phenomenon: in the past forty years, EU policies did influence the strategies of European automotive champions, and did create the background for an increasing intra-European productive integration. However, new challenges arise while the old problems haven't been solved yet: difficulties in the management of long, multiple, transnational supply chains and in the application of environmental management schemes pile up on difficulties due to different labour codes of conduct, or tensions between innovation and societal resistance.
7 - S	Department of Philosophy and Cultural Heritage	Creative arts, cultural heritage and digital humanitie s	Cultur al heritag e	Research focuses on governance policies and management systems in Latin America, the Caribbean and Europe in particular. In Latin America, there are still many barriers in different areas, for there is fragmentation in terms of quality, accreditation and ranking. Many institutions lack funding, both public and private. The recognition of credits and qualifications between universities is overly complicated, and the training of teachers of different levels and degrees is of little value in many countries. The mobility and internationalization indices of various universities continue to be very low. There are, however, many indicators of change. Many countries are now making an effort to internationalize education systems, research and professionalism.



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8 - J	Department of Management	Creative arts, cultural heritage and digital humanitie s	Creati ve industr ies	The research associated with this fellowship will take advantage of a network of universities that already work together in three directions: the PhD and the professional PhD, the "validation des acquis" (skills and capabilities) as a function of qualifications and diplomas, and the training of lifelong learning instructors. In particular, this research project will dedicate itself to building both mature interdisciplinary planning and management profiles for teaching instructors. In particular, this research project will dedicate itself to building both mature interdisciplinary planning and management profiles for teaching institutions and professional global networks in order to engender a sustainable and lasting process of internationalization. In the global context, social development requires the pursuit of academic and professional cooperation that can make a transferable contribution in every order and degree of social reality. It is about capturing representations of different countries and defining a plan of reciprocal interaction capable of raising the qualitative level of training and university professionalism and higher education through bi- or plurilateral exchanges between students, scholars and administrators. The proposed fellowship will be awarded for research and teaching activities on the specific topic of "Universities and communities. Nowadays, as illustrated also in the strategic priorinig arts spaces on campus and through academic research on arts and cultural through the establishment of new museum and galleries, hosting performing arts spaces on campus and through academic research on arts and cultural activities. However, more recently, there has been a growing pressure on both higher education and economic policy to understand the impact of Universities in relation to the creative arts sectors are increasingly interested in utilising academic research capabilities to further understanding of their own impact, and contribute knowledge and evidence of the value of arts and cultural inv



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J - G	Department of Molecular Sciences and Nanosystems	Science of complex economic, human and natural systems	Advan ced and smart materi als	This research proposal revolves around the idea of using synthetic nucleic acids, and in particular DNA, as a material to reliably fabricate cheap and biocompatible microdevices to be used in clinical applications. The most immediate applications of such microdevices is personalized medicine for cancer patients. DNA-based nanotechnologies provide a unique opportunity to cleverly kill targeted cancer cells. The assembly of multiple smart nanomaterials in one nanocarrier could overcome natural barriers (extravasion, tumoral pressure, cell internalization etc.) to specifically target cancer cells, thus avoiding the side effects of chemotherapeutic drugs. The main objective of this research is to create an innovative multistage drug delivery system based on the self-assembly of DNA microdevices, exploiting the technique known as DNA origami, encapsulated in biocompatible and targeted cell-inspired nanovectors. DNA origami allow to organize functional elements and molecules with high precision, are biocompatible and biodegradable and offer many advantages to be an ideal targeted drug delivery vector. For the proposed research, DNA origami will be designed and used to trap chemotherapeutic drugs (e.g. doxorubicin) and encapsulated within targeted liposomes to obtain a greater physiological stability and increase the circulation time in the body. The proposed research has three stages: at first, the DNA nanodevices will be studied and their structural properties optimized with numerical simulations. Once a suitable design is found, it will be realised in experiment and tested on a series of cancer cell lines sensitive and resistant to the utilized drug. Finally, The best multistage drug delivery system will be tested on tumors derived directly from the patients.
10 - J	Department of Humanities	Creative arts, cultural heritage and digital humanitie s	Cultur al heritag e	Biennale of Venice The history of the Venice Biennale (Esposizione Biennale Internazionale d'Arte) allows to investigate its complex events that can be articulated according to different angles: from the historical and political dynamics of the various National Pavilions to the promotion of international tourism, emerging art and international artistic currents to the fundamental issue of governance and curatorship. This event, introduced in 1895, is indeed the first and the longest in the Art Biennale - a phenomenon that is currently at the heart of a fervent world interest, to the point of influencing what is called the "biennalization" of exhibitions and that currently has about 150 biennial events in various countries, from Havana to Beijng, Odessa to Yokohama. The relevance and breadth of perspective of this theme gives way to analyzing a dense network of international relations, which includes not only artists, art galleries, critics and art experts, but also politicians, intellectuals, journalists, as well as



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				understanding the Main artistic development lines, and - through auditing sales office data and works of art loans - the impact on public and private collections. Its relevance is therefore strategic for both a city like Venice, which is the birth of the Biennale for a strategic choice of public management (the study of these issues thus becomes an excellent case study of reference), which to establish relationships with universities and scholars Internationally, because - thanks to the wide spectrum of study opportunities that can be drawn on the history of the Biennale - a large number of scholars are currently interested in investigating the history of the Pavilions, the events of international artists, the reciprocal influences between nations , connecting profitable results to our archives with what they can implement in those of their countries.
11 - J	Department of Molecular Sciences and Nanosystems	Science of complex economic, human and natural systems	Advan ced and smart materi als	Late transition metals are used for several industrial processes such as hydrogenation reactions, exhaust gas purification reactions, fuel cell reactions, and C-C and C-H bond forming transformations. In addition, they are key elements for "the economy of hydrogen". The potential of such metals can be maximized through the preparation of alloys that, in order to be macroscopically stable, must meet a number of structural and chemical requirements (same elemental cell, comparable atomic radii, electronegativity, etc.). Recently, synthetic methods of bi- or multi-metallic nanomaterials have been developed even by using bottom-up technologies, so that the structure of metallic alloys can be controlled at a nanometric scale. The further technological challenge in this area is the accurate reproducibility of the size and shape of metal nanoparticles to tailor the properties of these systems to different application areas which, just to name a few, span from catalysis to data storage, clinical diagnosis, nano-electromechanics (NEMS). In our laboratory, thanks to the use of task-specific ionic liquids, a method has been developed to achieve two-dimensional structures with particular light reflection properties that are determined by the presence of stabilized metal nanoparticles.
12 -J	Department of Management	Economic s and managem ent of innovation and entrepren eurship	Circula r econo my	The increasing attention given by consumers, regulators / legislators and investors to the issues of ethical and social sustainability of enterprise business has paved the way for corporate governance and enterprise management based on the shared value approach. Therefore, the new "shared approach" asks for new performance measures, also based on the external impact of business activity and risk control. On this basis, the natural contact point between management, sustainability and social innovation is strengthened, since the three visions are finally synergistic. At this point, it is needed to provide additional efforts in structuring new decision-making models, with adequate measurement of performance and also in creating adequate financial solutions. The few international experiences of so-called social bonds,



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				performance bonds and participating bonds are just one example of the great growth potential of new financial products and solutions, which deserve a joint international research effort to answer to a strong emerging need.
13 - J	Department of Management	Public governanc e, welfare and social innovation	Smart cities and comm unities	The profile required to the junior visiting scholar refers to a talented researcher aiming at investigating the determinants of commuters choice in the context of urban mobility. The understanding of the interrelationship occurring between travel experience and travel choice is a crucial knowledge to fine-tune transport policies and operations towards solutions that optimise both the people expectations and the sustainability impact of mobility systems. The visiting fellow will provide research dealing with the identification of the factors affecting the commuters travel choice and the travel experience in its various dimensions (perceived duration, travel value, context perception, individual biases, etc.). The knowledge goal is to provide a descriptive and predictive theoretical framework on the role of various determinants other than costs (e.g. time ) in affecting commuters behaviour. An example (not exhaustive) of research questions investigated by the junior scholar are the following: - Which are the behavioural determinants of utility/disutility variation in relation to a) contextual (or situational) variables and b) individual (or subjective) variables. - Which are the contextual variables (e.g.: mode shift, comfort, safety, speed, fares, etc.) that affect the travel experience and related utility / disutility the most. - To what extent habits refrain from adopting new and more efficient behaviours? Which policies are more effective in order to bypass the impact of habits on commuters' behaviour? - How and to what extent travel experience changes in relation to different transport modes, contextual variables and individual variables.