

## **Requisiti**

Per fornire il proprio parere sul candidato che partecipa al concorso per l'incarico di professore associato

## **PARERE**

Competition for the academic assignment of Professor Associate in the:

professional address 5.7 Architecture, construction and geodesy, scientific specialty: Conservation, restoration and adaptation of architectural monuments published on Gazzetta ufficiale nr. 62 of 01.08.2017.

Candidate: ROSARIA PARENTE, PHD in Architecture, Industrial Design and Cultural Heritage. Adjunct Professor at Telematic University Pegaso.

Member of Scientific Jury: Carmine Gambardella, Full Professor, UNESCO CHAIR on Landscape, Cultural Heritage and Territorial Governance

### **1. Caratteristiche generali della ricerca scientifica e dell'attività scientifico-applicativa del candidato**

The Candidate Rosaria Parente demonstrates a significant aptitude for the Scientific Research which I consider to be very important to support the Didactic Activity and to make it more attractive. In fact, the scientific innovations that can be seen in her publications and in her Doctoral Thesis open significant scenarios in the Complex Representation of Architecture, Cultural Heritage, Environment and Landscape for monitoring, conservation, maintenance and restoration.

The application of new technologies that enter in the body of the material elements, the discretization and the re-establishment of the complex phenomena at the basis of the study and analysis of the artifacts at all scales of observation, from the large territorial scale to the focus on the architectural and infrastructural works, demonstrate a mature capacity of the Candidate Rosaria Parente not only to address the issues of Research in the field about Competition but

Moreover she is also Member of Scientific and Editorial Committee of the serie Fabbrica della Conoscenza, Scuola di Pitagora Editrice; Member of editorial committee of class A Magazine, Abitare la Terra - Dwelling on Earth, Scientific Director Prof. Paolo Portoghesi; Principal Investigator of Benecon SCaRL, for European Project of CREATION AND DEVELOPMENT OF CENTRES OF COMPETENCE in Bulgary.

### **2. Valutazione della preparazione pedagogica e dell'attività del candidato**

The Candidate Rosaria Parente, as inferred by the Curriculum and the Certificates presented, taught at Universities in different international countries. The Didactic method, always supported by research activity, was appreciated for communicative clarity and also for the possibility of students to start a career.

There is no doubt that Rosaria Parente's training contributions to teaching activity are in line with the specific requirements of this Regulation and the University's Rules of Procedure.

### **3. Principali contributi scientifici e scientifico-applicativi**

I think, without doubts, that the scientific production of the Candidate Rosaria Parente has a particular importance in the evolution of the discipline under consideration both in the conceptual systematization of the theory and in the applications that may result from the adoption of good practice in the field of knowledge, protection and restoration of cultural heritage and landscape that in the most contemporary conception of restoration and complex representation should be considered the same as cultural heritage.

As previously mentioned about her publications, it is of great scientific and also applicative interest, to consider how current survey and representation technologies entering the body of artifacts can offer constant monitoring both in the important phase and in the planned maintenance of cultural heritage .

This assumption is demonstrated by the fact that only a few years ago survey and architectural or landscape restoration projects were produced only three-dimensionally and therefore did not contain all the necessary information in relation to materials, construction technologies, structural behaviors. With the scientific approach of Rosaria Parente, an opportunity has been created since moving from a three-dimensional analysis and measure to a multidimensional measure due to the very multidisciplinary skills that define concrete architectural artifacts or parts of a territory.

For these reasons, you can just think at 3 papers published in the Class A Magazine *Abitare la Terra/ Dwelling on earth*, at her Monograph titled "Disegno e i Limiti della Conoscenza Heritage e Ambiente", and at rich Scientific Production presented in the Curriculum, I believe that the evaluation of the applicant's candidate has been respected not only in quantitative but also qualitative criteria for assuming the position of the competition in question and full recognition in the academic field in Bulgaria and abroad .

### **4. Importanza dei contributi per la scienza e la pratica**

As highlighted previously, the quantitative indicators of the criteria for hiring the academic assignment have been respected but it should also be emphasized that for the international teaching activity attested by the relevant certifications and presence in international scientific forums and in prestigious scientific conferences, the work of the candidate has always been valued with great interest in scientific rigor and applications that may derive.

In fact, in the restoration of the Landscape, as in the restoration of the Monuments or of prestige or choral buildings, although not monumental but equally important because it is paradigmatic of identity values of the form of time, Rosaria Parente has set a scientific attitude of procedures and of sensory applications for monitoring, maintenance at all scales of the building together with the introduction of a disciplinary corpus that integrates, methodological thinking and useful applications for the site of restoration of the artifacts or the restoration of the landscape.

This scientific attitude today is indispensable for knowledge, let me say that if L.B. Alberti began *De Architecture* by dedicating the first and entire chapter to the Drawing of the 10th of his Work, to date in the Faculty of Architecture and Engineering, it should be increasingly entrusted with a revision of the Drawing to represent the *invisible*, or what is within the matter of the constructed and of the relationships that go through the internal form of the building. This applies both when drawing and representing for restoration and for designing the new, being evident the complexity of the parts and components that constitute the "build to be realized" as an *in vivo organism*.

## **5. Note critiche e raccomandazioni**

It is recommended that the candidate Rosaria Parente to continue on the research line begun and actualized in the publication of her monograph and scientific contributions published in Class A Magazine.

In fact, the fact that she introduced this innovation in addressing architecture, construction and infrastructure with an "in vivo geometry" that enters the body itself of physicality to control the invisible and manage over time with telemetric monitoring the built at all scales both works already done and those to be designed or to be restored, is a scientific value for all the disciplines inherent in the degree course in Civil Engineering and in particular to respond to the demands of a university teaching realized by scientific innovation for the disciplinary sector in question.

## **Conclusione**

Based on the scientific publications presented, on their scientific relevance deriving from the research contributions and applications contained in them that open new horizons to the discipline in question with regard to the proponent considerations of interaction between critical thinking of man and the technological prostheses that allow to create new perspectives and, therefore, analysis from inside the body of architecture itself, I think it is right to propose ROSARIA PARENTE for the assumption of the academic assignment of Professor Associate in the professional address Architecture, construction and geodesy, scientific specialty: Conservation, restoration and adaptation of architectural monuments.

Data: 30 Novembre 2017

**Membro della giuria:**

**Prof. Carmine GAMBARDILLA**

