ABCPhD CALL4SCHOLARSHIP 35
RESEARCH TOPIC 5:

NEW SPORT INFRASTRUCTURES AND URBAN REGENERATION PROCESSES. Tools and strategies for new projects and transformation/valorization of the sport facilities as opportunity for environmental and social regeneration in the urban context

35th Cycle
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ABC PhD Programme – CALL4SCHOLARSHIPS 35

Funding and management of the thematic scholarships

- **Number of scholarships:** 1 (one)
- **Monthly net income:** € 1,325,00
  [In case of a change of the welfare rates during the three-year period, the amount could be slightly modified]
- **Additional support:** Budget for the research activity: € 1,534,33 per student
  [for the 2nd and 3rd year]
- **Starting of PhD activity:** 1st November 2019
- **Deadline for application to the call:** 9th September 2019
- **Research Director:** Prof.ssa Maria Pilar Vettori
- **Research Group:**
  - Number of Full professors: 1
  - Number of Associate professors: -
  - Number of Assistant professors: 1
  - Number of PhD Student: 4
- **Funding and cooperating Institutions:** JACOBS ITALIA S.p.A.
Motivation and objectives of the research in this field

The field of complex sports infrastructure is a pressing topic today but little analysed in an organic and systematic approach.

An overview coming from studies and researches on the current European and Italian sports infrastructures makes it possible to pinpoint some interesting, innovative trends of research which evidence, in this sector, ever increasing attention to the themes of eco-systemic, urban and social resilience applied to sports infrastructure. The purpose of the research starts from the social, economic and environmental repercussions of these built systems, at the urban as much as at the regional scale.

During the last decades, these complexes have been passing through a phase of transformation and reconsideration, due to the changing social and cultural requests of the “multilayer city”, that are leading them to adapt to the different uses they have to satisfy and to re-become an important supplier of social and economic services in the urban context.
Methods and techniques that will be developed and used to carry out the research

The research will first analyse the topic in order to understand:
- which is the role of the sport complexes in the contemporary city;
- which are the ongoing processes that involve these structures;
- in which direction should happen the transformation of such heritage in respect to the needs and requests of the society.

A core part of the research will then focus on the Italian context and will define tools of a multicriteria case study and matrix-analysis with the aim of understanding the current status of the sport facilities system in order to suggest possible guidelines for the innovation, transformation and adaptation of the existing heritage and the proper tools to define the strategies of intervention.
Educational objectives

The research aims to define specialized tools of operating in the field of programming, planning, design, construction and management of sports infrastructures, according to transversal and multidisciplinary logics and competences, and in line with the aim to create the competencies to dialogue with the many economic-productive, institutional and professional sectors connected with the macro-sector of sports infrastructures.
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Job opportunities

The system of the sport infrastructures - capillary widespread in the cities - lies nowadays under-maintained, under-valorised and partly under-used, with several spaces that are no more responding to the needs of the contemporary community and that are awaiting for a physical transformation, without any systemic and scientific consideration of the potentialities of such heritage.

The need of competencies both in public and in private sector in the field of planning, design, construction and management of sport infrastructures calls for new professional roles in order to face the managerial and organizational complexity of sport facilities in relationship to urban regeneration processes.