



**CENTRO DE ESTUDOS DE ARQUITECTURA E URBANISMO  
UNIVERSIDADE DO PORTO  
FCT | EAT Norte 145**

***ARCHITECTURE AND URBAN STUDIES CENTER  
UNIVERSITY OF PORTO***

**FCT SCIENTIFIC REPORT / 2011**

**March 2012**

FCT Relatório Científico 2011 Print: 28-03-2012 16:39:54 [Centro de Estudos de Arquitectura e Urbanismo]

### General Information

**Name of Research Unit:** (EAT-Norte-145)  
Centro de Estudos de Arquitectura e Urbanismo

**Coordinator:** RUI HUMBERTO COSTA DE FERNANDES PÓVOAS

**Main Scientific Domain:** Estudos Artísticos

**Other Subdomains:** n/a

### Host Institutions

**Leading Host Institution:** Faculdade de Arquitectura - Universidade do Porto  
Universidade do Porto

**Other Institutions Involved:**

### Objectives & Achievements

#### Unit Description

Actually, 65 researchers compose the unit: 56 integrated researchers — 30 researchers with PhD and 26 graduate researchers — and 9 associate external researchers.

It is organized according to the existing by-laws that comprehend 3 bodies: Board of Directors, Scientific Council and a Permanent External Advisory Board. The direction is composed by a coordination and management team: Rui Póvoas (director) and Rui Ramos (deputy director).

Teachers of the Faculty of Architecture, as well as members of other departments of our university and the scientific community in general may join the unit, on a proposal and acceptance of the CEAU Scientific Council.

The financial resources obtained by the unit, via protocols with FCT or other public or private institutions, are managed with the supervision of the leading host institution Director.

The research activities are mainly structured within 6 research groups:

1. Arquitectura: Teoria, Projeto, História

Architecture: Theory, Project and History | ATPH [RG-Norte-145-3786]

Keywords: architectural history, theory, architectural design

2. Centro de Comunicação e Representação Espacial

Centre of Communications and Spatial Representation | CCRE [RG-Norte-145-3787]

Keywords: digital media technologies, collaborative platforms, photography, learning spaces

3. Morfologias e Dinâmicas do Território

Territory Dynamics and Morphologies | MDT [RG-Norte-145-3788]

Keywords: urban studies, urban planning, built environment

4. Atlas da Casa

Housing architectural design and forms of dwelling | AdC [RG-Norte-145-3789]

Keywords: housing, homes and houses, cultural studies, lifestyles

5. Património da Arquitectura, da Cidade e do Território

Architecture, City and Territory Heritage | PACT [RG-Norte-145-3790]

Keywords: architectural heritage, housing safeguard, urban preservation

6. Arquitectura e Modos de Habitar

Architecture and modes of inhabiting | AMH [RG-Norte-145-3791]

Keywords: sustainability, building life cycle management, construction technologies

#### General Objectives

Strategic objectives:

- To collaborate strongly with the pedagogic and scientific activities of our school, namely with the recently organized PhD courses;
- To support the development of research activities necessary for the scientific progress of the CEAU members (Masters, PhDs, etc.) by providing technical and scientific facilities;
- To cooperate with other public universities and research units (national and international) in the form of university and research agreements, networks and partnerships.
- To support the connection to the scientific community promoting the circulation of knowledge (conferences, exhibitions and architectural projects).
- To increase the visibility of the research outcomes and the group activities.

Specific objectives (issued from the research groups' main goals):

- To promote research on a complex overview on the architectural field as a crossroad for art, science, territory, cities and portuguese architecture (ATPH).
- To promote research on technology applied to communicating and representing architecture and urban design and support collaborative work on these areas (CCRE).
- To promote research on the urban studies and urban planning domain, interacting with public authorities and private institutions (MDT).

## Objectives & Achievements

- d) To promote a wide comprehension of the contexts, the concepts and the forms of single and multi family housing architecture (AdC).
- e) To promote research related to built heritage aiming at the definition of intervention methodologies in different contexts (PACT).
- f) To promote both fundamental and applied research on modular housing for low income populations in developing countries (AMH).

## Main Achievements during the year of 2011

In the past 2011 the CEAU worked in the re-organization of the functional and administrative structure of the center throughout the creation of both technical and physical infrastructures and human resources. Alongside with the equipment and bibliographical procurement (the books and journals related to the issues under study at the CEAU lacking on the faculty are now categorized in the library catalogue), the CEAU worked also on the conception and design of a bilingual (English and Portuguese) website. We considered these aspects as fundamental conditions to the concretization of the ongoing research projects.

This new feature promotes an easier external and internal communication leading to a wider visibility of the researchers, their workgroups and their outcomes. It also triggered the establishment of criteria for the report and plan submitting (templates and completion standards) and the gradual availability of the produced scientific materials on the UP's digital repository. Thus, the website and especially our back office materialise organizational resources to attain scientific objectives for the coming years. This will help to get more self-organized, to communicate and make our work visible to the community, and to have a clear working direction.

In order to attain these goals, the CEAU placed an ongoing self-assessment process, relying on the definition of criteria for action and organization. This led to the establishment of merit and productivity criteria within the research unit, which were widely discussed with the group coordinators for the internal distribution of resources and funding. The productivity being a key factor in the evaluation of research groups and their projects, the CEAU encourage the researchers' clear commitment with the international research standards in order to maintain high productivity criteria, as well as to design clearer objectives and deeper research plans. This was articulated in a common strategy being able to globally keep the centre in good conditions for maintaining and even increase the external periodic evaluation.

In 2011 the CEAU aimed particularly at supporting and boost the research career of their members, especially those who are struggling for an autonomous and dynamic research activity, a step forward towards the consolidation of a strong research team capable of national and international network.

The year ending as witnessed a growth of scientific production in the broad sense, and of the number of researchers who have joined CEAU. It is important now to focus our activities more closely in the fields of study and objectives.

## Activities

### Integrative/multidisciplinary activities during the year of 2011

a) Organisation of international scientific meetings involving members of CEAU in collaboration and partnership with other research centers (data from the Scientific Group Reports):

- Summer course "Revoluções" in the scope of the Research Project Silent Rupture (ATPH)
- Workshop "Arquitetura e Cinema" in the scope of the Research Project Silent Rupture (ATPH)
- International Seminar "On the Surface: Public Space and Architectural Images in Debate" (CCRE)
- C+C+W Conference + Colloquium + Workshop 2011 (AdC)
- 1st Seminar of the European network on housing studies, co-organized with Atelier ArchiHabitat (AdC)
- 2nd International Workshop of Architecture, Landscape and Archaeology - Designing the archaeological landscape, co-organized with the Erasmus Program IP by the Universidad de Valladolid, the Università degli Studi Roma Tre and the Estação Arqueológica do Freixo. (PACT)
- Workshop "New ways of designing and constructing buildings in Portugal". (AMH)

b) Spreading interfaces cross disciplines:

- SCOPIO, international photography magazine: <http://www.scopiomagazine.com> (CCRE)
- CITYSCOPIO and the blog Espaço F-FAUP: <http://www.cityscopio.com> (CCRE)
- RESDOMUS, editorial platform for the crossover and the dissemination of architectural culture: <http://resdomus.blogspot.pt> (AdC)

### Outreach activities during the year of 2011

a) Dissemination actions undertaken by CEAU members:

- Coordination and organization of the exhibitions, "30 anos Prémio AICA/MC (Arquitetura)/30 years AICA/MC awards(Architecture)" and "30 anos Prémio AICA/MC (Artes Visuais)/30 years AICA/MC awards(Visual Arts)". (ATPH)
- Coordination and organization of the exhibition and catalogue "Eduardo Souto de Moura: Concursos". (ATPH)
- Organization of photography event "Realidades Urbanas" (Urban Realities) composed by a cycle of debates, a literary circle and a photography workshop. (CCRE)
- Organization of a photography exhibition at Palácio das Artes – Fábrica de Talentos, Porto, containing selected works developed by the participants' of the International Seminar "Na Superfície" (On The Surface). (CCRE)
- Public presentation of SCOPIO Magazine issue #1 2/3 at Fábrica do Braço de Prata, Lisbon, and at Passos Manuel Cinema, Porto. (CCRE)
- Seminar co-organization: "PORTUGALCHILE.2A - Ciclo de Conferências e Debates sobre Arquitecturas e Programas recentes de Habitação Social em Portugal e no Chile", held in Chile. (MDT)
- Workshop participant: "Misurare il tempo nello spazio, Il corpo, Il sogno e le mani dell'architetto", held in Roma. (AdC)
- Supervisor of 2 sessions in the IV Simpósio Luso-Brasileiro de Cartografia Histórica (IVSLBCH) Territórios: Documentos, Imagens e Representações. (PACT)
- Public presentation of "Práticas de Reabilitação", 8º Encontro Clube Addict, Tema Reabilitação Alternativa: Arquitectura bottom-up e low cost. (PACT)
- Paper disclosure of concepts "Reabilitação urbana no Porto. Os principais desafios", Jornal TRIBUNA, Associação de Estudantes da Faculdade

## Activities

de Direito da Universidade do Porto. (PACT)

- Public debate "Destruição", Revista "Punkto 2". (PACT)
- External audit to architecture course of Universidade Metodista de Angola (UMA), in Luanda, Angola. (AMH)

b) CEAU has been working in partnership with other research centres, both national and international, namely:

- Università degli Studi di Ferrara, Bologna;
- Sapienza Università di Roma
- Dipartimento di Architettura e Pianificazione, Politecnico di Milano, Milan;
- École Nationale d'Architecture de Toulouse;
- Unité Mixte de Recherche AUSSER 3329, CNRS - Atelier Archihabitat (research protocol)
- Unité Mixte de Recherche AUS-LAVUE, 7218, CNRS – U. Paris, Paris Oeste-Nanterre
- Escuela Técnica Superior de Arquitectura de La Coruña;
- Escola Superior Artística do Porto - Centro de Estudos Arnaldo Araújo (research protocol);
- Faculdade de Arquitectura da Universidade Técnica de Lisboa;
- Brown University;
- Centre for Architecture and the Visual Arts, University of Liverpool;
- Screen Media and Cultures, University of Cambridge;
- Faculdade de Arquitetura e Urbanismo da Universidade de São Paulo
- Faculdade de Arquitetura e Urbanismo da Universidade Presbiteriana Mackenzie
- International Vernacular Architecture Unit, School of Built Environment, Oxford Brookes University, United Kingdom

c) Some of these international relations have scientifically supported the CEAU, which acts as a hub for services rendered work (Prestações de Serviços) of FAUP to the outside.

## Funding

	2008	2009	2010	2011
LA FCT	0,00	0,00		
Units FCT	64.800,00	74.250,00	35.062,50	76.982,70
Projects FCT	0,00	0,00	41.497,20	23.867,69
Other (National)	24.591,00	2.000,00	18.394,40	0,00
Other (International)	67.955,00	0,00	0,00	0,00
National Industry	16.250,00	0,00	0,00	0,00
International Industry	0,00	0,00	0,00	0,00
	<b>173.596,00</b>	<b>76.250,00</b>	<b>94.954,10</b>	<b>100.850,39</b>

## General Indicators

	2007	2008	2009	2010	2011	Total
No. of Researchers Hired (Ciência Programme)	0,00	0,00	0,00	0,00	0,00	0,00
No. of Researchers integrated with PhD	0,00	0,00	0,00	0,00	30,00	
Training PhDs (PhD thesis completed)	0,00	0,00	0,00	0,00	0,00	0,00

## Researchers Hired

Name	Start Date	End Date	Other Institution
No researchers found...			

## Technical Personnel Hired

Name	Start Date	End Date	Other Institution
No technical personnel found...			

## Additional Comments

### Research Groups

Reference	Title / Principal Investigator
RG-Norte-145-3786	<u>Arquitetura: Teoria, Projecto, História</u> (Alexandre Vieira Pinto Alves Costa)
RG-Norte-145-3787	<u>Centro de Comunicação e Representação Espacial</u> (Pedro Leão Ramos Ferreira Neto)

**Research Groups**

<b>Reference</b>	<b>Title / Principal Investigator</b>
RG-Norte-145-3788	<u>Morfologias e Dinâmicas do Território</u> (Manuel Pinheiro Fernandes Sá)
RG-Norte-145-3789	<u>Atlas da Casa</u> (Domingos Manuel Campelo Tavares)
RG-Norte-145-3790	<u>Património da Arquitectura, da Cidade e do Território</u> (Francisco José Barata Fernandes)
RG-Norte-145-3791	<u>Arquitectura e Modos de Habitar</u> (Carlos Nuno Lacerda Lopes)

**Strategic Project Adjustments**

The Strategic Project approved will be executed according to plan. The balances of previous years were included in this year, with FCT's agreement.

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## Group Description

<b>Title of Research Group:</b>	(RG-Norte-145-3786) Arquitectura: Teoria, Projecto, História
<b>Principal Investigator:</b>	Alexandre Vieira Pinto Alves Costa
<b>Main Scientific Domain:</b>	Estudos Artísticos
<b>Group Host Institution:</b>	Faculdade de Arquitectura - Universidade do Porto

## Funding, source, dates

### Funding, source, dates

CEAU - FCT 19.441,50€

Research Project "Silent Rupture. Intersections between architecture and film. Portugal 1960-1974", (FCT:PTDC/EAT-EAT/105484/2008) 48.271,44€

## Objectives & Achievements

### Objectives

Line one: Architecture, Art and Science

Architecture and Mathematics

The relationship between architecture and mathematics, with the underlying question of representation, covers a wide range of topics and it is present at all levels of design, from the definition of the content to the final configuration of space. The main areas of study for the biennium 2011/2012 are related to: symmetry and proportion in Roman architecture, perspective and architecture in the baroque, developments of descriptive geometry in Portugal in the 19th century, music and architecture in the contemporary age and digital design and fabrication.

Architecture and Cinema

Architecture and Cinema Research project will try to systematize affinities between architecture and cinema in order to build a common foundation for cooperative work among different partners. It will comprehend a theoretical research component, based on papers and dissertations as well as on the organization of an international scope seminar sponsored by the Research Group, hoping to significantly contribute to post graduate education and specialization in the area of critical studies on architecture and film; it will also have a practical or experimental research component, seeking for innovative reflexions on the form of multimedia (short-films and a database of video, image and sound).

Line two: Territory, City, Architecture

Territory, City, Architecture

The research project "SAAL Norte" has been launched, securing the constitution of a preliminary database with documentary material about SAAL, already at disposal, coming from private collections. A PhD thesis theme, on this subject, by LAGE, has succeeded in its definitive approval within the PhD Program in Architecture – Profile B and is currently in registration, to be developed.

Line three: Portuguese Architecture

Portuguese Architecture

The research project concerned with organization of the archive of travel notebooks produced within the curricular unit of History of Portuguese Architecture (MA Architecture), since 1982, is currently accomplishing its aims established in a two years plan (2011-2012). It comprises identification of drawings and digitalization, which has already been launched, and their critical reading in light of a process of learning to see and thinking architecture and architectural project, within disciplinary formation, and of teaching (History of) Architecture. A two fold objective of public communication, as a book publication and as an online platform linking research and academic formation remains present.

### Main Achievements

With the organization of the summer course "Revoluções" and the workshop "Arquitectura e Cinema", in the scope of the Research Project Silent Rupture, links between the group and international research centres were strengthened, namely with the Brown University, the Centre for Architecture and the Visual Arts of University of Liverpool and the Screen Media and Cultures of University of Cambridge.

Preparations for the next meeting of the European Symposium on Research in Architecture and Urban Design at Porto; FAUP; 12 -15 September 2012 are already ongoing.

The Group succeeded in the publication of books and articles and also of communications presented in international and national meetings, by its members.

Group's activities included presentation of oral communications and master classes by some members and scientific activity spreading actions.

The Group's involvement with the PhD Program in Architecture – Profile B at FAUP continued to strengthen; efforts within classes and seminar converged in profiling thesis projects which have successfully applied for grants to the FCT.

## Group Productivity

### Other international publications

PAPERS IN SCIENTIFIC MEETINGS

CASANOVA

"The extinction of the Religious Orders in the city of Porto and the emergence of the Liberal city: the search for a new "beauty", in actas do

### Group Productivity

Congresso Eurau'10, European symposium on research in architecture and urban design, 5th edition, "Venustas. Architecture, market, democracy", Nápoles, 2011.

OLIVEIRA

"O Paço, a Villa e a Urbe", Actas do 2.º Congresso Internacional Casa Nobre – Um património para o futuro. Arcos de Valdevez : Município de Arcos de Valdevez, 2011, p. 491-511.

XAVIER

and Eliana Manuel PINHO, "The Roman Villa in Rabaçal and Álvaro Siza", Proceedings of Bridges 2011: Mathematics, Music, Art, Architecture, Culture. Edited by Reza Sarhangi and Carlo H. Séquin. Tessellations Publishing, p. 395-402.

and Eliana Manuel PINHO, "The Partial Implantation, at 1:2 Scale, of Rabaçal's Roman Villa", Proceedings of Bridges 2011: Mathematics, Music, Art, Architecture, Culture. Edited by Reza Sarhangi and Carlo H. Séquin. Tessellations Publishing, 2011, p. 693-694.

### Other national publications

BOOKS

ALVES COSTA

O Liceu Alexandre Herculano no Porto – história, projecto e transformação, Porto, Fundação Arquitecto José Marques da Silva, 2011.

and Álvaro SIZA, Marrocos 1967, Porto, Circo de Ideias, 2011.

GRAÇA DIAS

Arte, arquitectura e cidade: A propósito de "Lisboa Monumental" de Fialho de Almeida, Lisboa, Parceria A.M. Pereira, 2011.

CHAPTERS AND PARTS OF BOOKS

GRAÇA DIAS

"Da intenção e do desejo: Sobre a Arquitectura de Manuel Vicente em Macau"/ "On intention and on desire: On the architecture of Manuel Vicente in Macau". in João Afonso (ed.), Manuel Vicente: Trama e emoção/Plot and emotion, Casal de Cambra, Caleidoscópio, 2011, p. 40-47.

"Procurando saídas/Seeking solutions" in José Manuel da Neves (ed.), Mário Martins houses, Lisboa, Uzina Books, 2011, p.16-19.

"Do útil ao funcional", in Frederico Duarte (ed.), Sem uso/Useless, Lisboa, experimentadesign/Babel, 2011, p. 228-229.

"Contra o nevoeiro/Against the fog", Aica Portugal, História /History, Lisboa, SP/AICA/IN/CM, Out, 2011, p.3-6.

GRAÇA DIAS, et. al.

"Secção Portuguesa da AICA: História – Introdução/AICA Portuguese Section: A History – Introduction", [colectivo da Direcção da SP/AICA], 30 anos Prémio AICA/MC (Arquitectura)/30 years AICA/MC awards(Architecture) & 30 anos Prémio AICA/MC (Artes Visuais)/30 years AICA/MC awards(Visual Arts), Lisboa, SP/AICA - IN/CM, Oct., 2011, p. 3-6.

and Ana Vaz Milheiro, "Trazer a família para dentro do atelier/Bringing the family into the studio" [Recolha e fixação de texto do "Depoimento" de Inês Lobo], JA Jornal Arquitectos, Nr. 242, Lisboa, OA, Jul./Aug./Sep., 2011, p.106-108.

and Ana Vaz Milheiro, "Subverter a ideia de que não há futuro/To subvert the idea that there is no future" [Entrevista a Tiago Mota Saraiva], JA Jornal Arquitectos, Nr. 243, Lisboa, OA, Oct./Nov./Dec., 2011, p. 25-30.

MACHADO

"A Presença do Passado", Eduardo Souto de Moura, Concursos / Competitions 1979-2010, comissários Francisco Barata e André Campos, Porto, FAUP, 2011, p. 35-43;44-51.

SILVA

"Preface", in BARBOSA, Magda, As praças da cidade do Porto, Porto, Edita-me, 2011, p. 10-12.

EDITION OF BOOKS/PROCEEDINGS

GRAÇA DIAS (ed.)

30 anos Prémio AICA/MC (Arquitectura)/30 years AICA/MC awards(Architecture) [catálogo da Exposição homónima]. Lisboa: SP/AICA - IN/CM, 2011.

30 anos Prémio AICA/MC (Artes Visuais)/30 years AICA/MC awards(Visual Arts) [catálogo da Exposição homónima] Lisboa: SP/AICA - IN/CM, 2011.

Aica Portugal, História /History. Lisboa: SP/AICA/IN/CM, 2011.

and NEVES, José Manuel (ed.). Graça Dias + Egas Vieira: 15 x 15 - Incubadora de Empresas/Enterprises Incubator + 10 x 10 - Piza a pezzi, Lisboa, Uzina Books, 2011;

PAPERS IN JOURNALS

ALVES COSTA

"Atelier 15 (textos, entrevistas, obras)", Archi/News, Nr. 18, Dec. 2011.

GRAÇA DIAS

"Da militância de quem se enamora/The forcefulness of the impassioned", JA Jornal Arquitectos, Nr. 242, Lisboa, OA, Jul./Aug./Sep., 2011, p.42-43.

"Do conforto como economia/On comfort as economy", [Editorial], JA Jornal Arquitectos, Nr. 243, Lisboa, OA, Oct./Nov./Dec., 2011, p. 2-3.

"Vasco Nobre Lopes: 'Ganas de resistir'/'To want to resist'", JA Jornal Arquitectos, Nr. 243, Lisboa, OA, Oct./Nov./Dec., 2011, p.15-18.

"Bonitos, porcos e bons/Beautiful, dirty and good", JA Jornal Arquitectos, Nr.243, Lisboa, OA, Oct./Nov./Dec., 2011, p.46-47.

"Profissão:Português/Profession:Portuguese" [Recolha e primeira edição de texto (com Ana Vaz Milheiro) de "Depoimento" de Diogo Seixas Lopes], JA Jornal Arquitectos, Nr. 243, Lisboa, OA, Oct./Nov./Dec., 2011, p. 66-72.

MACHADO

"Photography and History of Contemporary Architecture", Scopio / Aboveground, "City", Porto, Cityscópio – Associação Cultural, Oct. 2011, p.

**Group Productivity**

78-83.

QUINTÃO

"A Cascais, para nunca mais...?", Monumentos nº31, Jun. 2011.

PAPERS IN ONLINE JOURNALS/EDITORIAL PLATFORMS

"Trama e emoção: Três discursos", Artecapiatal, 1 Nov., 2011.

Edição digital: [http://www.artecapital.net/arq\\_des.php?ref=78](http://www.artecapital.net/arq_des.php?ref=78)

PAPERS IN SCIENTIFIC MEETINGS

"Algumas intervenções em Idanha-a-Velha" in Lino Tavares Dias e Pedro Alarcão (org.) Proceedings Seminário Internacional de Arquitectura e Arqueologia, FAUP 2008: Interpretar a Ruína: Contribuições entre campos disciplinares, Porto, FAUP publicações, 2011, p.77-89.

"Some interventions in Idanha-a-Velha", in Lino Tavares Dias e Pedro Alarcão (org.) Proceedings Seminário Internacional de Arquitectura e Arqueologia, FAUP 2008: Interpretar a Ruína: Contribuições entre campos disciplinares, Porto, FAUP publicações, 2011, p.207-215.

**Organization of conferences**

SILVA

Workshop "Espaço Público", organization Associação de Estudantes da FAUP, FAUP, May 2011.

URBANO

Curso de Verão "Revoluções. Arquitectura e Cinema nos anos 60", FAUP, 11-22.07, 2011.

Workshop "Arquitectura e Cinema", FAUP, Jul. 2011.

**Internationalization**

GRAÇA DIAS

Coordination and organization (as President of the Portuguese Section for Association International des Critiques d'Art/AICA) of the Exhibitions, 30 anos Prémio AICA/MC (Arquitectura)/30 years AICA/MC awards(Architecture) [Curator: João Pinharanda]. Lisboa: SNBA (Out./Dec. 2011) and 30 anos Prémio AICA/MC (Artes Visuais)/30 years AICA/MC awards(Visual Arts) [Curator: Ricardo Carvalho]. Lisboa: MNAC (Out. 2011/Jan 2012);

With the organization of the summer course "Revoluções" and the workshop "Arquitectura e Cinema", in the scope of the Research Project Silent Rupture, links between the group and international research centres were strengthened, namely with the Brown University, the Centre for Architecture and the Visual Arts of University of Liverpool and the Screen Media and Cultures of University of Cambridge.

**Strategic Project Adjustments**

The Strategic Project approved will be executed according to plan. The balances of previous years were included in this year, with FCT's agreement.

FCT Relatório Científico 2011 Print: 28-03-2012 16:41:18 [Centro de Estudos de Arquitectura e Urbanismo]

## Group Description

<b>Title of Research Group:</b>	(RG-Norte-145-3787) Centro de Comunicação e Representação Espacial
<b>Principal Investigator:</b>	Pedro Leão Ramos Ferreira Neto
<b>Main Scientific Domain:</b>	Estudos Artísticos
<b>Group Host Institution:</b>	Faculdade de Arquitectura - Universidade do Porto

## Funding, source, dates

### Funding, source, dates

CEAU - FCT 12,788.86 €

Hosted by FAUP/CEAU

Public funding from QREN (Quadro de Referência Estratégico Nacional) (2010-2013) for the R&DT project DARC – Digital Architecture Representation and Communication

Hosted by others

Public funding from QREN (Quadro de Referência Estratégico Nacional) (2010-2013) for the R&DT project Artshare.

## Objectives & Achievements

### Objectives

The research group develops activities connected to three main fields of study supported by collaborative platforms open to the public, facilitating the communication of the research and promoting interaction between universities, research groups, public institutions and the general public.

First field of study is Information and Communication Technologies (ICT) for design communication and collaborative work in the areas of planning, design and architecture or art education. This means, on the one hand, to develop a series of research projects with an interest in understanding and exploring how ICT can be used more effectively to communicate the city space, its architecture and the urban transformation that takes place with the planning and design process. This means, besides other things, the active research of efficient communication strategies, representation methods and diverse techniques for visualizing images and using different interaction levels for people to better understand and interact with the city and its architecture. On the other hand, to develop theoretical and practical knowledge about blended learning approaches for teaching diverse classes in Architectural and Art courses, experimenting various pedagogical strategies and models within a design studio environment and with the active support of collaborative platforms with broadband Internet access.

The second field of study is City Space and Culture, which is concerned with the critical use of images of architecture and public space, within the current culture of extensive media coverage, dissemination of information and where the digital plays an increasingly important role. This means to develop research towards the study and teaching of Architecture and Public Space's Photography, regarding its conception as (a) an instrument to question the real space and its experiences; (b) a support and technique for the mediatization and reception of architecture by a wide group of people and also (c) an instrument to explore spatial forms and new architecture. In this context, an editorial line focused on architecture and city photography is explored and the digital technology is perceived in a creative way and as a tool to create synergies, bridging with the analogue universe in what concerns the world of photography.

The third field of study Design and Study of Hybrid Spatial Environments: E-Learning Centres aims to develop several research projects able to create new knowledge and find novel solutions for the efficient use of learning spaces and directed towards the study of the new emerging spaces of socialization / learning with a strong integration of ICT. This means, on the one hand, the study and design of new dynamic learning spaces with strong ICT integration able to combine social interaction and diverse activities with studying, and where interactive technologies are used to promote students learning engagement and socialization and have an active role for the proposed space configuration. On the other hand, to study the efficiency of learning spaces using diverse methodologies for monitoring and evaluating the learning environment's spatial configuration and its use.

Finally, it is significant to say that CCRE also wants to use its collaborative and interactive platforms to support diverse research of other groups of R&D in CEAU. This means, besides other things, developing CCRE's platform further in order to make it more efficient as an online interactive base for spreading several strategic projects being developed in CEAU, contributing in this way to put Portugal "on the map". We also think in integrating International research centres related to e-learning and e-streaming solutions, IC technology, new ways of working based on the cooperation and information exchange among different users and involving in the community the public bodies both as users, and as service and information suppliers.

### Main Achievements

CCRE has three main research lines: a) study and social environments with strong integration of ICT; b) ICT for collaborative work in the areas of architectural design and architectural and arts education; and c) spaces of city and culture. The main achievements for each one of these research lines was as follows:

a) study and social environments with strong integration of ICT:

The research Design, Construction and Assessment of Learning Spaces and Learning Centres in University of Porto had its beginning in 2006 - 2007 and had as its most important achievement the architectural design for the conversion of an existing building of U.Porto into a new space – the E-Learning Café at Asprela Campus – and its evaluation and monitoring which resulted in several technical requirements that can inform similar designs but also enhance discussion toward this particular theme.

In this way it was possible to develop two new designs in this area: a) a new E-Learning Café, at the Botanical Garden of U.Porto, and b) designs for the rearrangement of the exterior space and for a light covering structure at the gardens of the existing E-Learning Café at Asprela Campus.

In addition, it's being developed a PhD research under the title "Spatial Codes in the teaching/learning of architecture" that involves the analysis and comparative study of several teaching spaces, among them the Faculty of Architecture and University of Porto.

## Objectives & Achievements

b) ICT for collaborative work in the areas of architectural design and architectural and arts education:

The main project in this research line is the ongoing DARC – Digital Architecture Representation and Communication. This project had its beginning in early 2010 and its most important achievement are:

- 1 - the reports regarding the state-of-the-art for existing applications in the markets of a) architecture and building; b) architecture and art competitions; c) architecture and art teaching; and d) communication of city spaces and culture;
- 2 - the functional requirements tables and mind-maps regarding the same markets;
- 3 - the promotional and informative website available at <http://darc.pontopr.com/>.

The research towards the market of architectural and arts competitions had also the following outputs: the FAUP master's thesis "Computer Application for Architectural Competitions. An opportunity for public participation in the information society." (MOREIRA, Bruno, 2010 supervised by NETO, Pedro); and the national meeting communication "Computer Application for Architectural Competitions. An opportunity for public participation in the information society." (NETO, Pedro; MOREIRA, Bruno, 2011) held at the IJUP'11 event (<http://ijup.up.pt/2011>).

c) spaces of city and culture:

This research line, related to Architectural and Public Space Imagery, had its most relevant achievements: the organization and an International Seminar – On the Surface: Public Space and Architectural Images in Debate (2010), several workshops, discussions and presentations related to the theme and the creation of the editorial lines SCOPIO and DTW.

In order to promote the public disclosure of the contents produce under this research line, we developed several online platforms with the objective of bringing together students, teachers and other researchers interested in this theme and to broaden the discussion beyond the academic place, contributing in this way to the internationalization of the discussions. Examples of these platforms are SCOPIO Magazine, CITYSCOPIO and the blog Espaço F-FAUP.

## Group Productivity

### Other international publications

#### CHAPTERS AND PARTS OF BOOKS

GADANHO, Pedro

"Emergence vs. Emergency, How Knowledge Must Follow Fashion", in Le Roy ed altri (eds), Tickle Your Catastrophe, Imagining Catastrophe in Art, Architecture and Philosophy, Academia Press, Gent.

"On Experimental Architectural Writing and Its Media", in Elias Redstone (ed.), Archizines, Bedford Press, Londres, 2011.

NETO, Pedro

"Shanghai", Self-Published Book, Review by: Pedro Leão Neto. Photographs by: Tiago Casanova, Printed in Barcelona, Spain, 2011.

Online publication: <http://www.tiagocasanova.com/books/>

#### PAPERS IN JOURNALS

NETO, Pedro

"Project: Filipe Dujardin", Scopio Magazine #1 1/3, Aboveground - Architecture, 2011, p.18-37.

ISSN 1647-8274

Online publication: <http://issuu.com/cityscopio/docs/scopiomagazine>

"Project: Paulo Catrica", Scopio Magazine #1 2/3, Aboveground - Architecture, 2011, p.14-37.

ISSN 1647-8274

Online publication: <http://issuu.com/cityscopio/docs/scopiomagazine>

#### PAPERS IN ONLINE JOURNALS/EDITORIAL PLATFORMS

NETO, Pedro; VIEIRA, Andrea; MOREIRA, Bruno;

and SARABANDO, João; RIBEIRO, Lígia "Digital Multi-User Interactive Systems to Enrich Socialization and the Learning Process: E-Learning Centres U. Porto" in Designs on E-Learning, 2011.

Online publication: <http://www.designsonlearning2011.com/>

NETO, Pedro; VIEIRA, Andrea;

and MENEZES, Bernardo; MACHADO, Isabel; SANCHEZ-OSTIZ, Duarte; RIBEIRO, Lígia, "Extending The Potential Of Digital Multi-User Interactive Systems In Architectural Design: E-Learning Centres U. Porto" in Consciousness Reframed, nr. 12, Local, Editor, Ano.

Online publication: <http://www.artshare.com.pt/cr12/>

GADANHO, Pedro

"Critical Playground", DOMUS # 948, Milano, Junho, 2011.

"Back to the Streets", DOMUS # 950, Milano, Setembro, 2011.

"Factoria Joven", BAUWELT #39-40, Berlin, Outubro, 2011.

### Other national publications

#### BOOKS

GADANHO, Pedro

Arquitectura em Público, Dafne, Porto, 2011

#### CHAPTERS AND PARTS OF BOOKS

GADANHO, Pedro

### Group Productivity

"Ex-, Post-, Re-, Dis-, Locus - Pensamento Curatorial e Deslocalização do Discurso Arquitectónico", in Gabriela V. Pinheiro (ed.), (Des)locações: Exílio, Topologia, Deslocalização, FBAUP Transformations, Porto, ano.

"Chegando em Santa Maria de Belém?", in Mário Caeiro (ed.), Vicente, Projecto Travessa da Ermida, Lisboa, ano.

#### PAPERS IN SCIENTIFIC MEETINGS

NETO, Pedro; MOREIRA, Bruno,

"Computer Application for Architectural Competitions: an opportunity for public participation in the Information Society", in IJUP'11, Universidade do Porto, 2011

Online publication: <http://ijup.up.pt/2011/>

#### REPORTS AND OTHER PUBLICATIONS

GADANHO, Pedro

"(12 Fragmentos) De Outros Lugares", Dédalo #08, FAUP, Porto.

"A Arquitectura do Futuro e o Futuro da Arquitectura", BANG! #9, Fevereiro, Saída de Emergência, Lisboa.

### Organization of conferences

Organization of photography event "Realidades Urbanas" (Urban Realities) composed by a cycle of debates, a literary circle and a photography workshop held at Palácio das Artes – Fábrica de Talentos, Porto, having as research area Porto's Historical Centre

Online publication: <http://www.realidadesurbanas.cityscopio.com/>

Organization of a photography exhibition at Palácio das Artes – Fábrica de Talentos, Porto, containing selected works developed by the participants' of the International Seminar "Na Superfície" (On The Surface) held at Faculty of Architecture, University of Porto and organized by CCRE.

Online publication: <http://nasuperficie.up.pt/>

### Internationalization

It is intended to create a more sophisticated site than the present informative platform (<http://darc.pontopr.com/>), which will contain more information about the outputs of DARC project and attract potential users and other international collaborators. We will also participate in international conferences and fairs related to the target markets of DARC.

OF BOTANICAL GARDEN and ARCHITECTURAL DESIGN FOR THE GARDENS OF E-LEARNING CAFÉ OF ASPRELA OF U. PORTO: It is intended to use the site of E-Learning Café of Asprela (<http://elearningcafe.up.pt/>) and our other platforms (<http://web.ccre.arq.up.pt/>) for communicating the new design and construction of these two projects as well as its monitoring and evaluation results to an international audience. Participation in an international conference and other forum alike will be pursued.

IMAGES FOR ANALYZING THE CITY AND ITS PEOPLE AND REDISCOVERING NEW URBAN REALITIES: It is expected to participate in an International Conference of the Hera (<http://www.heranet.info/welcome-hera-humanities-the-european-research-area>) program with the objective of interesting international partners for a new research line of investigation and operational outputs: public space and the use of architectural images for analyzing the city, its people and rediscovering new urban realities.

It is our objective to reinforce our present communication platforms and also gain the interest of international distributors for our publications related with these areas of research, namely:

- by producing the Catalogue of the Seminar On The Surface: Public Space and Architectural Images in Debate held in March 2010 and the one that will be held in June 2012;
- through the publication of a SCOPIO Magazine;
- through the publication of a SCOPIO Book;
- through the publication of a SCOPIO's Special Edition about Guimarães 2012, European Capital of Culture;
- through bringing an International exhibition to Portugal – Archazines Exhibition – to the Faculty of Architecture of Universidade do Porto - FAUP;
- through organizing a round table / conference on the subject of Architecture and Photography Zines in general.

### Strategic Project Adjustments

The Strategic Project approved will be executed according to plan. The balances of previous years were included in this year, with FCT's agreement.

FCT Relatório Científico 2011 Print: 28-03-2012 16:43:27 [Centro de Estudos de Arquitectura e Urbanismo]

## Group Description

<b>Title of Research Group:</b>	(RG-Norte-145-3788) Morfologias e Dinâmicas do Território
<b>Principal Investigator:</b>	Manuel Pinheiro Fernandes Sá
<b>Main Scientific Domain:</b>	Estudos Artísticos
<b>Group Host Institution:</b>	Faculdade de Arquitectura - Universidade do Porto

## Funding, source, dates

### Funding, source, dates

CEAU - FCT 12,071.79 €

## Objectives & Achievements

### Objectives

This research group focuses on the mutations of the built environment, the processes and morphology of the extensive urbanization, namely the most recent and highly contracting realities of the new geographies created by the "urban explosion" of the last 50 years. The geographical patterns and characteristics of this urbanization are not easily explained, not by demographic changes, nor by the logic of the land market, nor by a model of planning (or their deficits and dysfunctions). By extension, the changes in the forms and processes of urbanization also play the transformation of the old / consolidated city, as well as how to consider the classical themes like the relationship between urban planning and city architecture or the importance of accommodation production and forms of inhabit.

The main objectives of this research are (1) to observe, understand and explain the structure of extensive or diffused urbanization - axes, conurbations, urban cores, low density areas -, and (2) to explore relationships between form, dynamics and factors of production of such territory. Unlike the "concentrated" city (isolated and distinct from the surrounding territory) and the conventional views of metropolitan areas (restricted to center/periphery model), the work seeks to demonstrate and explain the complex nature of these patterns of urbanization, confronting them with the social and technological changes affecting the new paradigms of residence, mobility and location of economic activity. In short, the aim is to understand what is changing in the organization of society and the resultant of these dynamics in terms of territory production, or mode of urbanization. Policies / programs of public housing deserve a special approach; the context of urbanization must be contrasted between emerging forms and processes, or other older and more consolidated.

This analysis is crucial to understand the context in which urban regulations and the kind of constraints that exist between expectations and results develop. The challenges to the new models of urban regulations must be based and informed on real problems and opportunities.

The definition of the criteria for the organization of urbanized areas, the ranking of problems and actions, or the complexity of the institutional architecture, administrative and political bodies who have responsibility for the regulation of territorial dynamics, etc., can be problematized only if the complexity of geographical location of new development and this metamorphosis of the "city" to "urban field" are known.

Another dimension of urbanization is the very radical changes of "rural". From simple and generic territory, the truth is that the residual nature of the agricultural economy - the economic base of rural life - today represents about 2.8% of national GDP and employment. Thus, by default, everything is urban: society, economy, territory, life styles, etc, this issue requires innovation in the analysis, both in conceptual and theoretical support of urbanization, whether in the case studies where the abandonment of agriculture does not mean depopulation, but urbanization and metamorphosis of land and landscape: in one word, the territory.

The CEAU/ FAUP is still developing some doctoral dissertations that, although not directly linked to the main research interest, integrate and complement all that is involved in the diversity and complexity of contemporary urbanization, namely:

- context of urbanization in S. Tomé and Príncipe;
- issues related to resettlement policies and the forms and experiences of public spaces;
- the transformation of urban space and the relationship between architecture / city.

### Main Achievements

Throughout the year of 2011, the members of this research group have produced extensive scientific spreading actions in several domains that range from the large number of chapters and parts of published books, to the communications in national and international conferences, promoting the visibility of the studies produced within this group and the institution that hosts it.

The publication of the book "Urban Policies II" - financed by the Calouste Gulbenkian Foundation and following the first volume of "Urban Policies I" - winds up the long process of research undertaken from 2007 onwards that involved several members of this research group, as well as researchers from different institutions. These publications, which follow the previous project "La Explosió de la Ciutat" (coordinated by A. Font, Barcelona, 2004) analyses the transformation of the city into extensive urban areas and discuss regulatory policies, accompanying the forefront of the international debate on these topics. In addition, as the group has been involved in consultancy work on municipal and regional studies and plans, the outcomes bridge the academic and the administrative levels, connecting theory and practice.

The researchers have also been sharing experiences and knowledge with scholars beyond the group, not only through joint publications with experts from different scientific areas and institutions, but also through periods of visit to foreign faculties in order to gather know-how and to present and discuss on-going research work.

Within the Ph.D. advanced studies course provided by FAUP, the research profile "Dynamics and Urban Forms"- which was created the previous year and falls within the research scope of this group - has benefited from the experience and contribution of its members, namely through lectures and seminars. Additionally, some of the Ph.D. students of that course have recently registered as new members of the group, being expected that their contributions and their Ph.D. research will soon add to the outputs of this investigation group.

The members of the group have also supervised several Master dissertations, and Ph.D. theses in smaller numbers, contributing to the knowledge transfer at academic level, to the tuition of younger generations of researchers and to the continuous update of these research topics.

Furthermore, there are also outputs which have been produced but still not accounted for, due to the extension of the period of editorial

## Objectives & Achievements

revision, such as publications in journals or proceedings that are planned to be published throughout the year of 2012.

Moreover and in order to prepare for future demands and challenges, the group is investing in the training of its members, having arranged a customer-tailored course on GIS (Geographic Information Systems), that includes an advanced module of training in geospatial databases and uses the data already produced by this group in previous projects and studies. This course is taking place in the beginning of 2012 in the facilities of CEAU and will strongly improve the skills and competences of the researchers.

## Group Productivity

### Other international publications

#### CHAPTERS AND PARTS OF BOOKS

AFONSO, Rui Braz

and CRUZ, Marta, "Critérios para a construção de indicadores", in AFONSO, Rui Braz, LADIANA, Daniela (org.), *O Espaço da Escola. Conceitos, Métodos e Instrumentos para projecto e gestão do património escola. / The Space of the School. Concepts, Methods and Instruments for the Project and Management of Schools*. Firenze: Alinea Editrice, 2011, p. 62-65 (edição bilingue).

ISBN 978-88-6055-666-0.

"Métodos e processos de conhecimento do património edificado", in AFONSO, Rui Braz, LADIANA, Daniela (org.), *O Espaço da Escola. Conceitos, Métodos e Instrumentos para projecto e gestão do património escola. / The Space of the School. Concepts, Methods and Instruments for the Project and Management of Schools*. Firenze: Alinea Editrice, 2011, p. 90-91 (edição bilingue).

ISBN 978-88-6055-666-0.

and SOBRAL, Inês, "Caracterização física e funcional das Redes Escolares dos Municípios do Porto e de Matosinhos: métodos e instrumentos de trabalho", in AFONSO, Rui Braz, LADIANA, Daniela (org.), *O Espaço da Escola. Conceitos, Métodos e Instrumentos para projecto e gestão do património escola. / The Space of the School. Concepts, Methods and Instruments for the Project and Management of Schools*. Firenze: Alinea Editrice, 2011, p. 100-109 (edição bilingue).

ISBN 978-88-6055-666-0.

"As preocupações de um trabalho", in AFONSO, Rui Braz, LADIANA, Daniela (org.), *O Espaço da Escola. Conceitos, Métodos e Instrumentos para projecto e gestão do património escola. / The Space of the School. Concepts, Methods and Instruments for the Project and Management of Schools*. Firenze: Alinea Editrice, 2011, p.132-137 (edição bilingue).

ISBN 978-88-6055-666-0.

#### EDITION OF BOOKS/PROCEEDINGS

AFONSO, Rui Braz (ed.)

and LADIANA, Daniela (ed.), *The Space of the School, Concepts, Methods and Instruments for the Project and Management of Schools*. Firenze: Alinea Editrice, 2011 (edição bilingue).

#### PAPERS IN ONLINE JOURNAL/EDITORIAL PLATFORMS

PETIZ, Paula

"De(s)continuidades espaciais - projecto e narrativas", *Revista VIRUS*, nº 6, Sem02, (CRIAÇÃO EM PROCESSO+S" / CRIATION IN PROCESS+ES), 2011, 17 pág.

ISSN 2175-974x

Online publication: <http://www.nomads.usp.br/virus/virus06/?sec=7&item=1&lang=pt>

#### PAPERS IN SCIENTIFIC MEETINGS

CALIX, Teresa

"Porto morphological territories" in Pinho, Paulo; Oliveira, Vitor (ed.) *Bringing City Form Back in to Planning: CITTA 3rd Annual Conference on Planning Research*. Porto: FEUP edições, 2011, p. 359-371.

ISBN: 978-972-752-133-3.

FERNANDES, Ana Silva; SÁ, Manuel Fernandes

and PÓVOAS, Rui Fernandes, "Património Luso-Afro-Tropical: o exemplo das Roças de São Tomé e Príncipe. Desafios para a sua conservação e reabilitação, e o seu potencial para o desenvolvimento", in Gomes, J. F. S.; António, C. C.; Afonso, C. F.; Matos, A. S. (eds.), *VI Congresso Luso-Moçambicano de Engenharia / III Congresso de Engenharia de Moçambique*, Maputo, Edições INEGI, ISBN 978-972-8826-24-6, 2011 (16 p.).

PORTAS, Nuno

"New projects, new urbanities. «new» – why, where and for whom" / "Novos projectos, novas urbanidades. «Novos» – porquê, onde e para quem?" in *Building Communities for the Cities of the Future: Report of the 54th IFPH World Congress 2010*, Porto Alegre, Brazil, Porto Alegre: EDIPUCRS, 2011, p. 203-206 (edição bilingue)

TRAVASSO, Nuno

and GERALDES, Pedro, "Designing a Support for Bottles: Constructing the Identity of Port Wine", in *Proceedings of the 34th World Congress of Vine and Wine*, Porto: Um Porto para o Mundo – Associação para o Congresso OIV, 2011.

ISBN 978-989-20-2449-3

#### REPORTS AND OTHER PUBLICATIONS

FERNANDES, Ana Silva

"Emergent planning: regeneration through empowerment in Developing Countries. São Tomé and Príncipe as case-study", poster, Research Student Conference, School of the Built Environment, Oxford Brookes University, Oxford, Reino Unido, 2011.

### Other national publications

**Group Productivity**

## BOOKS

DOMINGUES, Álvaro, PORTAS, Nuno

and João CABRAL, Políticas Urbanas II, Fundação Calouste Gulbenkian, Lisboa, 2011.

## CHAPTERS AND PARTS OF BOOKS

DOMINGUES, Álvaro

"Marques da Silva: fazer Centro" in RAMOS, Rui Jorge G (ed.), Leituras de Marques da Silva, Fundação Instituto Arquitecto José Marques da Silva, Porto, 2011, p. 44-48.

"O Porto e as estórias das Ruas", in Joshua SOFAER; NEC, Núcleo de Experimentação Coreográfica (org), Viver a Rua, Porto, 2011.

PORTAS, Nuno

and João CABRAL, "As Transformações da Regulação: Processos e Actores", in PORTAS, Nuno; DOMINGUES, Álvaro; CABRAL, João (ed.), Políticas Urbanas II: Transformações, Regulação e Projectos. Lisboa: Fundação Calouste Gulbenkian, 2011, p. 232-267

ISBN 978-972-31-1382-2.

"Introdução", in PORTAS, Nuno; DOMINGUES, Álvaro; CABRAL, João (ed.), Políticas Urbanas II: Transformações, Regulação e Projectos. Lisboa: Fundação Calouste Gulbenkian, 2011, p. 10-15.

ISBN 978-972-31-1382-2

"Bairro do Restelo, Lisboa", in PORTAS, Nuno; DOMINGUES, Álvaro; CABRAL, João (ed.) Políticas Urbanas II: Transformações, Regulação e Projectos. Lisboa: Fundação Calouste Gulbenkian, 2011, p. 354-357.

ISBN 978-972-31-1382-2

PORTAS, Nuno; TRAVASSO, Nuno

"As Transformações do Espaço Urbano: Estruturas e Fragmentos" in: PORTAS, Nuno; DOMINGUES, Álvaro; CABRAL, João – Políticas Urbanas II: Transformações, Regulação e Projectos. Lisboa: Fundação Calouste Gulbenkian, 2011. ISBN 978-972-31-1382-2. p. 161-229.

SÁ, Manuel Fernandes

and ANDRESEN, Teresa, "Introdução", in SÁ, Manuel Fernandes, ANDRESEN, Teresa, ALMEIDA, João (ed.), Jacques Gréber, urbanista e arquitecto de jardins. Porto: Fundação de Serralves, 2011.

ISBN: 9789727392582.

TRAVASSO, Nuno

"Marginal Atlântica de Vila Nova de Gaia: Definição de uma estrutura urbana à escala intermédia", in PORTAS, Nuno; DOMINGUES, Álvaro; CABRAL, João (ed.), Políticas Urbanas II: Transformações, Regulação e Projectos. Lisboa: Fundação Calouste Gulbenkian, 2011, p. 358-363.

ISBN 978-972-31-1382-2.

## EDITION OF BOOKS/PROCEEDINGS

PORTAS, Nuno (ed.)

Políticas Urbanas II: Transformações, Regulação e Projectos. Lisboa: Fundação Calouste Gulbenkian. ISBN 978-972-31-1382-2.

SÁ, Manuel Fernandes (ed.)

and ANDRESEN, Teresa, ALMEIDA, João (ed.), Jacques Gréber, urbanista e arquitecto de jardins. Porto: Fundação de Serralves, 2011.

ISBN: 9789727392582.

## PAPERS IN ONLINE JOURNAL/EDITORIAL PLATFORMS

ANDRADE, Álvaro

"Entre a Casa e a Cidade, «résidentialisation»: espaços intermédios na habitação social francesa". Resdomus, Abril de 2001, 21 pag. +

ISSN: 1647-6395

Online publication:

<http://resdomus.blogspot.com/2011/06/entre-casa-e-cidade-residentialisation.html>

DOMINGUES, Álvaro

"Destruição: registos do trauma da perda do Portugal Rural", Revista Punkto, nº2, Porto, 2011

Online publication: <http://www.revistapunkto.com/2011/05/punkto-2-destruicao.html>

"Uma cidade continuada: cartografias da urbanização no NO de Portugal", in Ciclo de Conferências "Conhecimento na U. Porto", Porto, Julho de 2011, conferência gravada pela TVU.

Online publication: <http://tv.up.pt/videos/L7jC53ov>

"A paisagem é um estado de espírito", in Barómetro Social, Junho, 2011.

Online publication: <http://barometro.com.pt/archives/278>

PORTAS, Nuno

"Experiências Participativas". ARQA, nº 90-91. Lisboa, Março-Abril 2011.

ISSN: 1647-077X.

## PAPERS IN SCIENTIFIC MEETINGS

CALIX, Teresa

"Morfologias da rua metropolitana" in BRANDÃO, Pedro (coord.), Documentos do Simpósio "A Rua é nossa... de todos nós". Lisboa: Associação European Portugal. (Ed. CD), 2011 (12 p.).

ISBN: 978-972-98202-7-4.

### Group Productivity

MEALHA, Rui

"Políticas de Reabilitação Urbana – Estratégia de Reabilitação Urbana em Braga: Programas de Reabilitação para o Centro Histórico e Para Braga Sul", comunicação ao Seminário de Reabilitação Urbana, Auditório da Biblioteca Lúcio Craveiro da Silva, Braga, 25 de Novembro. Publicação Câmara Municipal de Braga, 2011 (41 p.)

Online publication: [bit.ly/GC5OTn](http://bit.ly/GC5OTn)

TRAVASSO, Nuno

"Em Busca do Tempo Perdido", in BRANDÃO, Pedro (ed.), Documentos do Simpósio A Rua é nossa... de todos nós, Lisboa: Associação European Portugal. (Ed. CD), 2011, 12 pag Bottles.

ISBN: 978-972-98202-7-4.

### Organization of conferences

AFONSO, Rui Braz

Organization of Encontro Ibérico Transfronteiriço, Ciudad Rodrigo, January 2011, attended by members of Portuguese and Spanish local development associations.

PETIZ, Paula

Organization / overall coordination of the seminar "PORTUGALCHILE.2A – Ciclo de Conferências e Debates sobre Arquitecturas e Programas recentes de Habitação Social em Portugal e no Chile", which took place in Chile in the cities of Santiago and Valparaiso, in June, with the collaboration of Samuel Gonçalves, FAUP mobility student in the PUC.

SÁ, Manuel Fernandes de

Organization with Teresa ANDRESEN of the Seminar Jacques Gréber, urbanista e arquitecto de jardins, Porto, Fundação de Serralves, November 3rd and 4th.

### Internationalization

PETIZ, Paula

"Bolsa Iberoamericana, Jovens Professores e Investigadores, Santander Universidades – Convocatória 2011. Iberoamérica". Application submitted through the "Centro de Estudos de Arquitectura e Urbanismo da Faculdade de Arquitectura da Universidade do Porto", with the prior approval of the "Facultad de Arquitectura y Urbanismo de la Universidad de Chile". Mobility period: from October 28th to December 8th.

The developed procedure allowed to continue the exchange of experiences and knowledge in the Seminar "PORTUGALCHILE.2A - Ciclo de Conferencias e Debates sobre Arquitecturas e Programas recentes de Habitação Social em Portugal e no Chile ", held in Chile in June 2011.

Thus, in addition to research carried out in libraries and documentation centers, and field work, the consolidation of academic ties between researchers and teachers allowed to gather additional information, specific and required for the research that has been held in CEAU. Within the same context, new opportunities are foreseen for sharing experiences, thinking and discussion around the themes addressed, which are of common interest.

FERNANDES, Ana Silva

The PhD student Ana Silva FERNANDES spent a two-month period as a Full-time Visiting Associate Research Student at the International Vernacular Architecture Unit, School of Built Environment, Oxford Brookes University, United Kingdom. During this period, several initiatives contributed to the research and knowledge transfer: the opportunity to present ongoing research through a communication and a poster on Research Seminars, to attend several lectures and seminars both at the hosting unit and other departments of the same school, as well as contact and scientific discussions with both Professors and colleagues, formed a highly rewarding and valuable visit to this Institution.

PETIZ, Paula

The PhD student Paula PETIZ, as in previous years, maintained personal contact with co-advisor Roselyne Villanova, a sociologist and researcher in the laboratory AUS-LAVUE, Mixed Research Unit CNRS - U Paris, Paris Oeste-Nanterre since January 2010, the year of its creation, formerly the Laboratory IPRAUS, an experiment dedicated to interdisciplinary reflection on city and housing. Within the same context, the presentation of summaries developed around the themes addressed in the ongoing investigation, which has taken place in meetings with other peers, has allowed to come to discussions of interdisciplinary character.

### Strategic Project Adjustments

The Strategic Project approved will be executed according to plan. The balances of previous years were included in this year, with FCT's agreement.

FCT Relatório Científico 2011 Print: 28-03-2012 16:44:40 [Centro de Estudos de Arquitectura e Urbanismo]

## Group Description

<b>Title of Research Group:</b>	(RG-Norte-145-3789) Atlas da Casa
<b>Principal Investigator:</b>	Domingos Manuel Campelo Tavares
<b>Main Scientific Domain:</b>	Estudos Artísticos
<b>Group Host Institution:</b>	Faculdade de Arquitectura - Universidade do Porto

## Funding, source, dates

### Funding, source, dates

CEAU - FCT 24,199.21€

## Objectives & Achievements

### Objectives

Atlas da Casa is a research group based on a purposeful disciplinary crossing aiming at the embracing, promotion and dissemination of studies on housing and dwelling. Starting from a genealogy of the house, as a prime instrument, the group searches both the interpretation of the housing transformations occurred within the XXth century and the full understanding of present housing trends.

Sectorial or vertical approaches will, therefore, become the anchor points towards critical and deepening studies about contexts and phenomena.

Atlas da Casa also questions and faces the need for architectural identity of contemporary public space, as another expression of dwelling. The forms of public space constitute an enlargement of the knowledge on housing, for its role in the construction of the historic city and in the dialectics between public and private domains.

Atlas da Casa is also connected to advanced studies such as master, doctoral and post-doctoral research (FAUP/PDA).

### Main Achievements

In this past year, Atlas da Casa has done a considerable effort regarding the researchers' physical working conditions, the imperative data preservation as well as its sharing within the group itself and the research community.

Therefore, we've settled a workplace for both individual and group tasks and we've equipped the group with the technical gear (photo camera, video camera, distance meter, audio recorder) and the hardware | software equipment (personal computers, external hard drives and software licences) required for the scheduled research work. In order to assist this joint effort towards the systematisation of the work being done, by gathering and organizing an extended amount of data in a digital network archive (AtlasStorage001), we hired data processing services. We also provided for the purchase of books and journals related to the issues under study lacking on the faculty, which are now categorized in the library catalogue with the reference "Atlas da Casa".

These organizational aspects are a step forward towards a consistent research team capable of national and international network.

As Atlas da Casa is strongly committed to a wide comprehension of phenomena and their contexts, most of the work developed in 2011 consisted in the consolidation of national (FAUTL) and international (IPRAUS) research protocols.

This was conducted in two actions:

1.

By presenting and disclosing the investigations in progress within the group, the Portuguese residential architecture and the particular connection existing in our school between research and teaching.

RAMOS, CARNEIRO, CRUZ "Qu'est-ce que c'est l'Atlas da Casa. Développements récents de l'architecture résidentielle au Portugal". International Seminar on Collective Housing in Europe. École Nationale Supérieure d'Architecture Paris-Bellville, Paris-Malaquais, Paris, Belleville, 9 - 11/06/2011.

2.

By outlining research projects that materialize the relations established between research centres.

Mapping the Public Housing Programs (AdC-P4). Research project on the public Housing Programs in Portugal in the twentieth century  
Period: 2012-2014

Principal investigator: Rui Ramos

Coordination: Marta Cruz

Faculty of Architecture, Lisbon University and Faculty of Architecture, Porto University.

Alongside these new and broader projects, Atlas da Casa pursued the spreading activities launched in 2010 grouped around the C+C+W - Conference + Colloquium + Workshop.

In the 2011 edition the conference was delivered by Jean-Michel Léger (IPRAUS) and titled "Beyond architecture, the user. Notable projects experienced by their inhabitants".

For the colloquium we invited the spanish researcher Maria Castrillo to share the discussants' table with Rui Ramos and Jean-Michel Léger.

As last, the workshop was targeted to the 3rd year Design Studio's students and was complemented by master classes given by all the 3rd year teachers. Eduardo Souto de Moura attended the workshop sessions commenting on the urban situation presented on the workshop as well as on the students' proposals it selves.

## Objectives & Achievements

Within the Architectural Design Laboratory of the U. Porto (AdC-P3), and according to the planned activity of this project, efforts applied on partnership attraction resulted in a structure of three members for the project that allow, further on, the Architectural Design Laboratory of the U. Porto to present itself in the scientific community as a platform that will frame, within the compromises and Innovation of architectonic production, the values and technical reasons in material production of space, the issue of Public Space as an Architectonic category and the issues of Architecture in Contexts of Poverty that were, until now, explored separately. In fact, the Laboratory's primary mission, or nature, as it has been carried out in all national and international meetings attended, remains in the internationalization of the humanistic values, practices and results of pedagogic, scientific and artistic work endured at the Faculty of Architecture of the University of Porto or by professionals whose education in Architecture is referred to the former Fine Arts School of Porto.

## Group Productivity

### Publications in peer review Journals

GONÇALVES

"The Octagon in the Houses of Orson Fowler", Nexus Journal, Vol. 13, nº 2, 2011, p. 337-349

### Other international publications

#### CHAPTERS AND PARTS OF BOOKS

FONSECA

"Viagem e cultura espacial lusófona", in GAZZANEO, Luiz Manoel (org), Espaços culturais e turísticos em países lusófonos, Cultura e Turismo, Rio de Janeiro: UFRJ/FAU/PROARQ,

2011, p. 115-124.

ISBN: 978-85-88341-38-8

SILVA

"Hacia un espacio individual", in Óscar Cornago (dir) "A veces me pregunto por qué sigo bailando. Prácticas de la intimidad". Madrid: Continta me tienes, 2011.

ISBN: 978-84-937690-2011

#### PAPERS IN SCIENTIFIC MEETINGS

COSTA e SILVA

A arquitetura de madeira de Eduardo Anahory: a casa de férias na Serra da Arrábida, 1º Congresso Ibero-latinoamericano da madeira na construção, CIMAD11, Coimbra, June, 2011

The national road 1 (EN1): a street of a sprawled city, PNUM 1st Conference: Morfologia Urbana em Portugal: Abordagens e Perspectivas, Session 8: Morphological elements: the street/infrastructure, FLUP, June, 2011

CRUZ

Another way of dwelling: the portuguese experience on cooperative economic housing

New Housing Researchers' Day - Work session 01: Evolution of residential histories and housing lifestyle, 23rd ENHR Conference, Toulouse, 4-9 July, 2011.

LAMEIRA

The Sá da Bandeira Street in Oporto Paradigm(s) of the urban transformation on the 1st half of the XX century, PNUM 1st Conference: Morfologia Urbana em Portugal: Abordagens e Perspectivas, Session 8: Morphological elements: the street/infrastructure, FLUP, June, 2011

RODRIGUES, SILVA

Le Corbusier y la restauración de la Villa Savoye, Le Corbusier and the restoration of the Villa Savoye, International Conference: Intervention Approaches for the 20th century Architectural Heritage, Madrid, June, 14-15-16, 2011.

Digital edition - CDROM and book

TAVARES, Domingos

O românico e o território: Erudito e popular a propósito da arquitectura românica na Bacia do Sousa, I Congresso Internacional da Rota do Românico, Lousada, 28 - 30 September 2011.

### Other national publications

#### BOOKS

TAVARES, Domingos

Jan Van Eyck, representação do espaço real, Porto, Dafne Editora, 2011.

Claude-Nicolas Ledoux, formas do iluminismo, Porto, Dafne Editora, 2011.

#### CHAPTERS AND PARTS OF BOOKS

GONÇALVES

"O Bairro do Monte Pedral e o alojamento operário em 1900", in RAMOS, Rui (coord.), Leituras de Marques da Silva. Porto: Fundação Instituto Arquitecto José Marques da Silva, 2011. p.100-109

RAMOS

"Raízes e caminhos: Marques da Silva e a arquitectura do século XX", in Rui Ramos (coord.), Leituras de Marques da Silva, Porto, Fundação

### Group Productivity

Instituto Arquitecto José Marques da Silva, 2011, p.15-27. [English version: Roots and paths: Marques da Silva and 20th century architecture. p.28-39]

"Disponibilidade moderna na arquitectura doméstica de Raul Lino e Ventura Terra na abertura século XX", in Marieta Dá Mesquita (ed.), *Revistas de Arquitectura: Arquivo(s) da Modernidade, Caleidoscópio*; CIAUD/FAUTL, 2011, p.78-111.

Repositório Aberto da UP:

[English version: "Modernity in the domestic architecture of Raul Lino and Ventura Terra at the beginning of the 20th century".]

Repositório Aberto da UP:

#### EDITION OF BOOKS/PROCEEDINGS

RAMOS (coord.)

Leituras de Marques da Silva. Reexaminar a modernidade no início do século XXI: arquitetura, cidade, história, sociedade, ciência, cultura, Porto, Fundação Instituto Arquitecto José Marques da Silva, 2011. [Partial English version: Readings of Marques da Silva. A re-examination of modernism at the beginning of 21st century: architecture, city, history, society, science, culture.]

#### PAPERS IN JOURNALS

RAMOS

"Arquitectura da vida privada como interesse público" [Recensão de Arquitectura do quotidiano de Nelson Mota], *Jornal Arquitectos*, nº 240, 2010, p.124 [English version p.125]

"A perspectiva das coisas. Raul Lino em Cascais", *Monumentos*, nº 31, 2010, p.116-121

TAVARES, Maria

"Casas a Norte: as HE num processo de continuidade", *Revista Arquitectura Lusíada*, n. 2, p. 77-88, 2011.

#### PAPERS IN ONLINE JOURNALS/EDITORIAL PLATFORMS

TAVARES, Maria

"Leituras da produção [moderna] da casa: as HE nos anos 50 em Portugal", *Resdomus*, Mars, 2011.

Online publication: <http://resdomus.blogspot.com/2011/03/leituras-da-producao-moderna-da-casa-as.html>

#### REPORTS AND OTHER PUBLICATIONS

ROSA

Obra Aberta, Textos das Visitas Guiadas Evocativo da Exposição de 1951, evento ODAM, 60 anos depois. OASRN - pelouro da Cultura, Edição policopiada.

Resumo de Apresentação do grupo ODAM, Conference: ODAM, 60 anos depois, Evento evocativo da Exposição de 1951, Porto, 17 - 19 June, 2011.

### Organization of conferences

RAMOS, GINOULHIAC, CRUZ, PAULINO

C+C+W 2011 - Conference + Colloquium + Workshop, Porto, FAUP 11-15 April 2011

### Internationalization

FONSECA

Workshop: "Misurare il tempo nello spazio, Il corpo, Il sogno e le mani dell'architetto"

IX Seminario Internazionale di Progettazione Architettónica 2011: Micro/Macro

Organisation: La Sapienza Università di Roma, Dipartimento di Architettura e Progetto NARNI, 22-29 July, 2011

Atlas da Casa started the preparation of an European Network on Housing Studies together with the Atelier ArchiHabitat, Paris, and the Banc de Dades del Housing Europeu Occidental, Barcelone.

This network has already had its first Seminar held in June (Paris). Groups represented in the seminar:

Banc de dades del housing europeu occidental\_EA del Vallès Barcelone: Txatxo Sabater, Josep Maldonado;

Atlas da Casa - CEAU FAUP: Marta Cruz, Rui Ramos, Luis Soares Carneiro;

Atelier ArchiHabitat\_UMR Ausser: Jean-Michel Léger, Monique Eleb;

Nuevas Técnicas, Arquitectura, Ciudad, Departamento de Proyectos, ETSAM: Agatángelo Soler Montellano

### Strategic Project Adjustments

The Strategic Project approved will be executed according to plan. The balances of previous years were included in this year, with FCT's agreement.

FCT Relatório Científico 2011 Print: 28-03-2012 16:45:18 [Centro de Estudos de Arquitectura e Urbanismo]

## Group Description

**Title of Research Group:** (RG-Norte-145-3790)  
Património da Arquitectura, da Cidade e do Território

**Principal Investigator:** Francisco José Barata Fernandes

**Main Scientific Domain:** Estudos Artísticos

**Group Host Institution:** Faculdade de Arquitectura - Universidade do Porto

## Funding, source, dates

### Funding, source, dates

FCT - CEAU 12.678,43€

## Objectives & Achievements

### Objectives

The general objectives are to develop research within the vast area of Built Heritage, including very diverse areas, from rehabilitation projects in specific architectonic works to studies geared towards the analysis and definition of intervention methodologies in historical centres, expanding urban areas, and territorial and landscape units of patrimonial value.

Furthermore, the field of study also encompasses the domain of interpretation and architectural intervention in areas and archaeological sites, as well as the analysis of interventions in the recent architectural patrimony that are part of the heritage of the Modern Movement.

The main geographical area of study is that of the national territory, with particular emphasis on the north-western region of the Iberian Peninsula. However, bearing in mind existing valuable exchanges with Brazilian and other Latin American universities, the work group considers it to be worthwhile to extend the scope of its research field to other regions in the world where the Portuguese architectural culture has produced works and affirmed its identity.

As to the first research line (EPCT), the patrimony studies to be developed – from the form of the town to the form of waterfront territory – will have the city of Porto as its starting point and may extend to the Douro Valley and the Atlantic coast and the north-western region of the Iberian Peninsula. The general framework of this line of research includes: the importance of industrial and port activities in the development of the city of Porto and the northern region throughout its history; the relations between central and local political powers and mercantile and customs activities; the projects for the improvement of the navigability of the Douro River and the construction of several port infrastructures and other types of industrial works with patrimonial value.

A second area (ARAPE) has the objective to analyze the usual procedures for intervention in old residential buildings of current architecture in historical centres, considering the three UNESCO World Heritage Centres in mainland Portugal, in order to recognize this type of building as a specific object in the context of cultural heritage.

Another main goal is to develop an intervention model in old buildings, taking as case study Porto houses from XVIII to XIX centuries. This approach is intended to be based on minimally invasive methods, focusing on the recovery and rehabilitation of materials and traditional building techniques, adapting it to the fulfilment of requirements of comfort, functional efficiency and sustainability, which should characterize the construction of buildings today.

Furthermore, it aims to document and disseminate building methods and materials of iconographic buildings of the twentieth century (post war) Portuguese Architecture. Selected buildings, should be analysed in order to access its construction history, document its building process, and evaluate the current conditions.

The third line (AVCAP) - is still focused on the analysis, systematization and dissemination of the intervention process developed in the territory since the period of Romanization of the Iberian Peninsula, especially in Portugal, until the late nineteenth century. With the work on historical cartography available, but scattered, efforts will provide a reading of the networks roads in Portugal and its relationship with Europe, throughout history.

All research lines have as common goals the organization of exhibitions, publications, seminars and debates on and with the materials that will be analyzed and produced, as well as the creation of post-graduate courses in these specific areas of study.

The supervision of doctoral and master's dissertations and the presentation of papers in conferences are still fundamental objectives of this group and will continue to be the hallmark of the identity of the Architecture, City and Territorial Heritage Research Group.

### Main Achievements

#### Studies on Heritage, City and Territory

The first research project – Studies on Heritage, City and Territory (EPCT) – has been researching on the process of conformation, transformation and expansion of the city of Oporto in its relationship with the waterfronts. The main focus of this research line is in the analysis, throughout history, of the architectural, urban and territorial heritage that has been built, from the medieval urbe to the contemporary metropolitan area, by means of urbanization dynamics polarized in Porto, V. N. Gaia and Matosinhos. Ten different themes were pointed for further development. The research line developed its research activity in two complementary phases: the first one (2011) mainly consisted on the collection, archive and systematization of written and iconographic information, aiming at the organization of an exhibition and publication. Subsequently, the second phase (2012), previews the organization of an Exhibition on harbour systems, architecture and waterfront plans in the metropolitan area of Oporto, which will be articulated with seminars, debates and a catalogue on the subject. Within this scope, there have been developed several meetings with a Public Company (Administração dos Portos do Douro e Leixões- APDL).

The research line has also supported the development of Phd Thesis on public spaces in the contemporary city (rehabilitation and regeneration), completed in October 2011.

#### Actions for the Rehabilitation of Architectural Heritage

In 2011, the line Actions for the Rehabilitation of Architectural Heritage (ARAPE) line based on the case studies and POE's (Post Occupancy Evaluation) recommendations, a varied sample of buildings was selected in each city (composed by known intervened buildings and the other

## Objectives & Achievements

buildings on their block). A questionnaire and a visual analysis of building's conditions were carried out in visits to some of these houses. The data of the visits and the theoretical bases were compared, highlighting positive and negative aspects of the perceived intervention trends.

Theoretical background has been established and, accordingly, design proposals developed in the framework of the implementation of Porto old buildings intervention model. The developed intervention model is based on a constructive model that comprises a full constructive characterisation of the XVIII to XIX centuries Porto houses, including the definition of its most common pathological patterns and, finally, the proposition of construction drawings.

Taking as starting point the Porto building permits, processes and the building codes and ordinances, the research has been focused on the characterization of building systems currently used in residential buildings, in the 20th century second quarter, a well established period of transition between construction systems, that corresponds to the introduction of new materials, changes in the architectural image, development scale, spatial distribution, real estate promotion and ownership regime. This on-going investigation on Portuguese 20th century construction history has resulted in the delivery of a Ph.D. thesis in October 2011.

### Atlas of Ways and Ancient Towns of Portugal

In 2011, the research project Atlas of Ways and Ancient Towns of Portugal (AVCAP) has participated in the organization of the 2nd. International Workshop of Architecture, Landscape and Archaeology - Designing the archaeological landscape, held in Tongóbriga 5-16 October, with the Erasmus Programa IP by the Universidad de Valladolid, the Faculdade de Arquitectura da Universidade do Porto (CEAU-PACT), the Università degli Studi Roma Tre and the Estação Arqueológica do Freixo. This workshop was articulated with the advance studies and an exhibition with the produced works produced is being prepared for 2012.

The Research Group PACT has also been connected to advanced studies such as Master (2nd and 3rd degree) Doctoral and Post-Doctoral, in articulation with other national or international institutions.

## Group Productivity

### Publications in peer review Journals

GIACOMINI, F.C. e PÓVOAS, Rui H. C. Fernandes

"Os edifícios antigos de arquitetura corrente em centros históricos no contexto do património cultural: especificidades e condicionantes para projetos arquitetónicos de intervenção", PÓS – Revista do Programa de Pós-Graduação em Arquitetura e Urbanismo da Universidade de São Paulo, São Paulo, nº 29, June 2011, p. 174-195.

ISSN: 1518-9554

### Other international publications

#### CHAPTERS AND PARTS OF BOOKS

BARATA FERNANDES, Francisco

"Presentation", in Património à prova de água. Apontamento para a salvaguarda das azenhas & açudes nas margens do rio ave, Vila Nova de Famalicão/Trofa, Câmara Municipal de Famalicão, 2011, pp. 7-9.

ISBN 978-989-8012-24-1.

"Presentation", in Eduardo Souto Moura. Concursos-Competition1979-2010, Porto, Editora FAUP, 2011 pp. 8-10.

ISBN 978-972-9483-99-8.

DI BIASE, Carolina e FERREIRA, Teresa

"Stanze dell'arte. Alfredo d'Andrade all'Esposizione di Milano del 1906", in Giuliana Ricci. (coord.) in È per l'Esposizione, mi raccomando...!, Milano e l' Esposizione internazionale del Sempione del 1906 nei documenti del Castello Sforzesco, Milano, Civica Biblioteca d'Arte, 2011, p. 88-113.

ISBN 978-88-903953-6-9

#### EDITION OF BOOKS/PROCEEDINGS

MARQUES, Helder; FERNANDES, Mário; GARCIA, João; TAVARES, Rui, (ed.)

Proceedings of the IV Simpósio Luso-Brasileiro de Cartografia Histórica (IVSLBCH) Territórios: Documentos, Imagens e Representações. Porto, FLUP. 9-12 November 2011

Edição digital: <http://eventos.letras.up.pt/ivslbch/comunicacoes.aspx>

ISBN 978-972-8932-88-6

ALARCÃO, Pedro (ed.)

and TAVARES, Lino (ed), Proceedings of the Seminário Internacional de Arquitectura e Arqueologia, FAUP 2008: Interpretar a Ruína: Contribuições entre campos disciplinares, Porto, FAUP publicações, 2011.

#### PAPERS IN SCIENTIFIC MEETINGS

ALARCÃO, Pedro

"Entre a razão e a intuição: contribuições para a identificação do Teatro Romano de Conímbriga", in Lino Tavares Dias e Pedro Alarcão (org.) Proceedings Seminário Internacional de Arquitectura e Arqueologia, FAUP 2008: Interpretar a Ruína: Contribuições entre campos disciplinares, Porto, FAUP publicações, 2011, p. 133-146 e p. 245-251.

ISBN- 978-989-8527-00-4

BARATA FERNANDES, Francisco

"Lugares arqueológicos na cidade contemporânea", in Lino Tavares Dias e Pedro Alarcão (org.) Proceedings Seminário Internacional de Arquitectura e Arqueologia, FAUP 2008: Interpretar a Ruína: Contribuições entre campos disciplinares, Porto, FAUP publicações, 2011, p. 47-59 e p. 193-198.

ISBN- 978-989-8527-00-4

**Group Productivity**

ALARCÃO, Pedro

and DIAS, Lino Tavares, "Apresentação", in Lino Tavares Dias e Pedro Alarcão (org.) Proceedings Seminário Internacional de Arquitectura e Arqueologia, FAUP 2008: Interpretar a Ruína: Contribuições entre campos disciplinares, Porto, FAUP publicações, 2011, Porto, FAUP publicações, 2011, p. 7-8 e p. 173-174.

ISBN- 978-989-8527-00-4.

FERREIRA, Teresa

"Rota do Romanico': un progetto innovativo nel contesto portoghese", in Proceedings 27° Convegno Scienza e Beni Culturali: "Governare l'Innovazione", Venezia Arcadia Ricerche, 2011, p. 489-500 +

ISBN 978-88-95409-15-3

"Heritage or Theme park? Some reflections from Portuguese experiences", in Book of Speakers and Speeches of the 17th General Assembly of ICOMOS 'Heritage and Development', Paris, ICOMOS, 2011, p.74.

GIACOMINI, F.C. e PÓVOAS, Rui H. C. Fernandes

"Old current architecture heritage: assessment of buildings in use, after interventions - work in progress", in XII DBMC: Proceedings of the 12th International Conference on Durability of Building Materials and Components, 12-15 April, 2011, Vol. II, FEUP, Porto, p. 821-828

ISBN: 978-972.752-132-6

"Os edifícios habitacionais de arquitetura corrente em centros históricos: entre o reconhecimento do valor cultural e a busca por estratégias de intervenção de recuperação", in XVI Seminário Acadêmico APEC, 11-14 May, 2011, Horizontes de Brasil: Escenarios, Intercambios y Diversidad, Conference Proceedings, Barcelona, p. 71-83 [ed. digital]

ISBN- 978-84-614-9157-5

OLIVEIRA, Marta

"A torre-farol e ermida de São Miguel o Anjo na Foz do rio Douro. Obra e projecto de D. Miguel da Silva e Francisco de Cremona" in Lino Tavares Dias e Pedro Alarcão (org.) Proceedings Seminário Internacional de Arquitectura e Arqueologia, FAUP 2008: Interpretar a Ruína: Contribuições entre campos disciplinares, Porto, FAUP publicações, 2011, p. 61-75 e p. 199-206

ISBN- 978-989-8527-00-4.

TAVARES, Rui

"Níveis de representação cartográfica de Portugal entre os séculos XVIII-XIX correspondentes ao projecto de influência fisiocrata: território e cidade" in Actas electrónicas do IV Simpósio Luso-Brasileiro de Cartografia Histórica (IVSLBCH) Territórios: Documentos, Imagens e Representações, Porto, FLUP, 9-12 November, 2011

Edição digital: <http://eventos.letras.up.pt/ivslbch/comunicacoes/99.pdf>

ISBN 978-972-8932-88-6

TEIXEIRA, J. J. L e PÓVOAS, Rui H. C. Fernandes

"The Importance of Design in Porto's Ancient Buildings Interventions. Characterization of the Pathological Context through a Constructive Model", in XII DBMC: Proceedings of the 12th International Conference on Durability of Building Materials and Components, 12-15 April, 2011, Vol. II, FEUP, Porto, p. 889-896

ISBN: 978-972.752-132-6

FERREIRA, Teresa,

"«Less is more» and «continue-creating»: reflections on communication, sustainability and design in historical sites", in Conservation/Transformation, Leuven, EAAE, 2011, p.247-254

ISBN 978-2-930301-50-1

**Other national publications****CHAPTERS AND PARTS OF BOOKS**

BARATA FERNANDES, Francisco

"Sobre reabilitação urbana: a casa, o quarteirão, o espaço público", in Rui Ramos (coord.), Leituras de Marques da Silva, Porto: Fundação Instituto José Marques da Silva, 2011, p.176-183.

ISBN 978-972-99852-7-0

TAVARES, Rui

"O Porto e a Central Termoelectrica de Massarelos: a cidade dos carris e dos fios eléctricos", in A requalificação do edificio da antiga Central Termoelectrica de Massarelos - Registos de um projecto em curso. Porto: STCP - Museu do Carro Eléctrico, 2011, p. 8-20 (p. 21-25, english translation).

"A Carta Topographica da Cidade do Porto de 1892: uma base cartográfica para a gestão urbanística municipal", in Maria Helena Gil Braga e Mário Fernandes Fernandes (coord.), A Planta da Cidade do Porto no Século XIX: cartografia e urbanismo.. Porto: CMP - Pelouro do Conhecimento e Coesão Social, Departamento Municipal de Arquivos, FLUP, Departamento de Geografia, November 2011, p. 14-19.

**PAPERS IN JOURNALS**

VALENTIM LOPES, Nuno

"Atelier des Créateurs: Reabilitação de edificio de 1904", Arquitectura Ibérica, n. 36, 2011, p. 66-77.

**PAPERS IN SCIENTIFIC MEETINGS**

BARATA FERNANDES, Francisco

"A casa, a fachada, a rua e a cidade", In Seminário Cuidar das casas: a manutenção do património corrente", Porto, FEUP/ICOMOS, 25 February, 2011, 13 p.

ISBN: 978-972-752-130-2 (CD)

**Group Productivity**

FERREIRA, Teresa

"Manutenção e Património corrente. Conceitos e perspetivas", in Seminário Cuidar das casas: a manutenção do património corrente, Porto, FEUP/ICOMOS, 25 February 2011, 8 p.

ISBN: 978-972-752-130-2 (CD)

"Alfredo de Andrade (1839-1915) e o Património Português. Nemo propheta in patria?", in Actas do simpósio Património em construção: Contextos para a sua preservação, Lisboa, LNEC, 25-26 November 2011, pp.407-414. +

ISBN: 978-972-49-2231-7

TEIXEIRA, J. J. L. e FERREIRA, L. M.

"O valor patrimonial das alterações introduzidas no edificado habitacional da cidade histórica", in Actas do simpósio Património em construção. Contextos para a sua preservação. Lisboa: LNEC, 25-26 November 2011. p. 295-302.

[With Luís Mariz Ferreira, researcher from University of Aveiro, GeoBioTec dep.]

ISBN: 978-972-49-2231-7

PÓVOAS, Rui H. C. Fernandes, TEIXEIRA, J. J. L. e GIACOMINI, F.C.

"Reabilitação de Edifícios Correntes de Valor Patrimonial: Uma Proposta de Aproximação Metodológica", in Seminário Cuidar das casas: a manutenção do património corrente, Porto: FEUP/ICOMOS, 25 February 2011, 8 p.

ISBN: 978-972-752-130-2 (CD)

VALENTIM LOPES, Nuno

"O Projecto de Reabilitação no Edificado Corrente com Valores Patrimoniais", in Seminário Cuidar das casas: a manutenção do património corrente, Porto, FEUP/ICOMOS, 25 February 2011, 10 p.

ISBN: 978-972-752-130-2 (CD)

**REPORTS AND OTHER PUBLICATIONS**

PÓVOAS, Rui H. C. Fernandes

Reabilitação urbana no Porto. Os principais desafios. In Jornal TRIBUNA, ed. Associação de Estudantes da Faculdade de Direito da Universidade do Porto, nº 29, December 2011, p.11.

**Organization of conferences**

FERREIRA, Teresa

Member of the organizing comitee of the Conference "Cuidar das casas: a manutenção do Património corrente", ICOMOS-Portugal, Porto, Biblioteca Almeida Garrett, 2011.

**Internationalization**

PÓVOAS, Rui H. C. Fernandes,

Scientific mission to Faculdade de Arquitetura e Urbanismo da Universidade de São Paulo and Faculdade de Arquitetura e Urbanismo da Universidade Presbiteriana Mackenzie, from São Paulo, Brasil, between June 20 to 27, in order to establish future cooperation in both scientific research and post-graduate studies.

VALENTIM LOPES, Nuno

Meeting in the "Ministero per i Beni e la Attività Culturali" with Ach. Valentina Milano, for discussion and research on rehabilitation operations in the city of Rome, February, 2011.

BARATA FERNANDES,

Scientific mission to Sapienza Università di Roma

Partnership with Instituto de Arquitectura e Urbanismo da Universidade de São Paulo, research area Arquitectura, desenho e representação (coordinators Prof Doutor Joubert José Lancha e Prof. Francisco Barata Fernandes)

Member of the Scientific comitee of the international journal QA Quaderni del Dipartimento di Progettazione dell'Architettura del Politecnico di Milano.

FERREIRA, Teresa,

Scientific mission to Facoltà di Archiettura e Società, Politecnico di Milano, in order to collaborate in researches, such as the research on the Exhibition of Milan 1906. (with Prof. Carolina di Biase, Prof Giuliana Ricci).

**Strategic Project Adjustments**

The Strategic Project approved will be executed according to plan. The balances of previous years were included in this year, with FCT's agreement.

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## Group Description

<b>Title of Research Group:</b>	(RG-Norte-145-3791) Arquitectura e Modos de Habitar
<b>Principal Investigator:</b>	Carlos Nuno Lacerda Lopes
<b>Main Scientific Domain:</b>	Estudos Artísticos
<b>Group Host Institution:</b>	Faculdade de Arquitectura - Universidade do Porto

## Funding, source, dates

### Funding, source, dates

CEAU - FCT 7,841.55 €  
Financial implementation 0%

## Objectives & Achievements

### Objectives

In 2009 this group objectives were redefined in three autonomous but interconnected research lines directed to the understanding and study of a inhabit ideal and its construction through resources analysis:

- i) Dwelling quality for low income populations;
- ii) Friendly economical construction systems
- iii) The lusophone space.

Beside this the group also decides start an initial resource in the field of sustainability and environmental studies with LCAs for a new modular house.

It is a project of comprehensive character that seeks to gather and order the different expressions of the contemporary life in the dwelling through a collect of statements and research with an aim to a possible integration in a more open professional practice to the new and different ways of understand and make use the dwelling space and construction in the more diversified expressions and cultures.

To the resemble of some existing experiences in Europe and America, has not been possible to make a space of experimentation, meeting and debate about the projects and the new ways of inhabit that to current society comes showing and introducing slowly and discreetly.

The growing increase in individual and collective dwelling buildings production that the last decades built in Portugal, revealed a growing and systematic reproduction and development of stereotyped solutions for a kind of inhabit that being current or not, show and promote a deficit thought about the ways of life of the Portuguese society and about the quality of the dwelling spaces and solutions need, alternative or not, for the broad ways of life that today are externalized.

Beyond the collecting, handling and systematization of data about the different contemporary ways of designing architecture in Portugal and north, is objective of this group to promote debates, formation courses, workshops, as well the support service to dwelling project conception for the different groups or social niches that require or need adaptations or alterations to the space for a better adaptation to their own ways of life and inhabit.

Reacting to the evolving world of constructive technologies and of the architecture demand, it is intended to study the innovation in designing and in the way the project is realized as well as to develop new collaborative ways such as building information models methodology (BIM).

### Main Achievements

Collecting different information in Angola to support research works;  
Organize and edit of architecture interviews;  
Organization of a workshop in FAUP about "New ways of designing and constructing buildings in Portugal".

## Group Productivity

### Other national publications

#### REPORTS AND OTHER PUBLICATIONS

LOPES, Nuno Lacerda

"Uma grande lição: obra de Eduardo Souto de Moura", nº 7, O Tripeiro, 2011.

### Internationalization

This group also supports FAUP's internationalization as an educational and research institution that supports and implements teaching and investigation in other countries. In this sense we have already performed the following actions:

Universidade Metodista de Angola (UMA), in Luanda, Angola – external audit to architecture course;  
Instituto Politécnico do Huambo (ISPH), in Huambo, Angola – support in implementing architecture course.

## Strategic Project Adjustments

The Strategic Project approved will be executed according to plan. The balances of previous years were included in this year, with FCT's

**Strategic Project Adjustments**

agreement.