

## Relatório de Progresso

[Relatório de Progresso Lacrado com Sucesso a 30-01-2013]

### Formulário Relatório de Progresso - Componente Científica

Relatório de Progresso nº 1

Período a que o relatório diz respeito:

Data de início: 01-01-2011

Data de fim:

#### 1. Identificação do Projecto

**Referência do Projecto:** PEst-OE/MAT/UI0006/2011

**Investigador Responsável:** Maria Antonia Conceição Abrantes Amaral Turkman

**Instituição Proponente:** Fundação da Faculdade de Ciências (FFC/FC/UL)

**Data de Início:** 01-01-2011    **Data de Fim:** 31-12-2012

**Financiamento Concedido:** € 386.058,00

## 2. Resumo dos Trabalhos Desenvolvidos e Desvios à Proposta aprovada

### Resumo dos trabalhos

Descreva de forma breve as actividades desenvolvidas **no período em apreço** e os resultados alcançados. Referia-se em concreto às tarefas que tiveram execução no período a que o relatório respeita.

A list of publications and communications during 2011-2012 are in the two documents attached and the pdf of those papers which are not subjected to copyright can be found in <http://www.ceaul.fc.ul.pt/artigos/>.

In Indicadores de Realização Física Livros inclui Capítulos de livro e Edição. Em Comunicações inclui publicação em Proceedings. Organização de conferências inclui sessões temáticas em conferências.

Group 1: Order Statistics, Extremes and Applications

Summary of the results achieved:

- 21 internal reports (CEAUL and CMA);
- 29 papers published at international journals [Adv.Appl.Probab., Ann.Statist., Biom.Letters (2), Bull.Internat.Statist.Instit. (3), Ch.Model.Simul. (CMSIM) (3), Comm.Statist.:Simul.Comp., Comm.Statist.:Th.Meth. (CSTM), Comp.Statist.& Data Anal., Extremes (2), Disc.Math.Probab.Statist. (DMPS) (3), Internat.J. Math.Model.& Num.Optim., J.Multiv.Anal., J.Statist.Comput.&Simul. (JSCS), J.Statist.Plan.&Infer., Pharmacoeconomics, Proc. Environ., Revstat (3), Statist.Neerl., Struct.Change&Econ.Dyn.], 13 additional articles accepted [Math.&Comp.in Simul., N.Amer.J.Econ.&Fin. (2), CMSIM, Meth.&Comput. Appl.Probab., Europ.J.Ind.Engin., Revstat, Cont.Shelf Research, JSCS, CSTM, J.Evol.Econ., DMPS], and 5 still under submission;
- 3 articles invited to International Encyclopedia of Statistical Science, 7 articles published as chapters of a book by Springer, 1 on Decision Making under Uncertainty in Service Industry, edited by Taylor & Francis, 1 edited by IGI: Math-E-Learning, on Teaching Mathematics Online: Emergent Technologies and Methodologies and 16 accepted for publication;
- 108 publications in international proceedings (including 50 abstracts and 23 extended abstrats);
- 29 extended abstracts in national proceedings;
- 48 invited seminars/lectures (31 international);
- Several informal seminars;
- Organizations of 10 congresses in 2011, 10 in 2012 and 10 to be held in 2013.

Transversal to all tasks devised for either 2011 or 2012, we mention the international editions of 3 books related to the Work. on Risk and Extreme Values in Insur. and Fin., the 5th Work. on Statist., Math. and Comput. (WSMC), the 6th WSMC, and the national edition of 4 issues of SPE Bulletin.

The contributions of the team to human resources formation were 4 Ph.D. Thesis, 15 MSc thesis already discussed, 2 waiting for discussion and 24 short courses.

Group 2: Probability, Modelling and Data Analysis (PMDA)

Summary of results achieved:

Statistical package for the R Library: 1.

Papers: 28 papers published, 20 accepted, 5 submitted at International journals; 22 published, 7 accepted as Chapters of international books; 16 published in Proceedings of International Conferences; 4 published in National journals; 4 published as Chapters of national books. 1 Statistical package for the R Library; 3 Books, 1 Ph. D. Thesis.

Presentations: 47 presented (4 of which invited) at International Meetings, and 37 presented at National Meetings.

Main achievements:

1. Research on mixtures of beta densities; implications in sample augmentation in meta-analysis; extensions of the beta family. Use of statistical tools in Biomedicine research.
2. Applications in animal and forestry data analysis.
3. Studies on Probability and Statistics publications at the beginning of the XXth Century.
4. Iteration and dynamical instabilities, topological issues in population dynamics, applications in structure of minimalist music; random repair models.

5. Using scale to investigate location (ANOSp), and further issues in distribution theory, namely mixtures.
6. Development of the bild package, analysis of longitudinal data, and of Immunology data.
7. Further developments in distance sampling, namely using passive acoustics; estimation of birds and bats mortality on eolic power plants.
8. Participation in the ALEA project, invited conferences at secondary schools and university colleges, and at Gulbenkian Foundation.
9. Imperfect classification parameters in compound qualitative data, extensions to quantitative data.
10. Research on modifications of the Hill estimator, and extremes in population growth dynamics. Analysis of Earth Sciences data.
11. Tutorials for training scientific translators.

### Group 3: Statistical Modelling in Environmental and Life Sciences

Summary of the results achieved:

Books published: 4; Books accepted: 2; Books editor: 1; Chapters of Books: 1 9accepted; Papers international: 42; Papers National: 9; Papers in Proceedings of Conferences: 19; Presentations: International: 49 (13 as invited speakers); Presentations National: 32; PhD Thesis: 8; Organized: courses 5; seminars 24, workshops 2; Statistical package for the R Library: 1

The main achievements were on the following themes

1. Exceedance probability of a stochastic process; Estimation of extreme multivariate quantile regions and Bias correction in extreme value statistics with index around zero.
2. Extremes of Continuous Processes and Their Discrete Versions published as a book chapter on a volume of Handbook of Statistics
3. Bayesian methodology applied to problems in genetics gave rise to several papers in periodicals with goof impact factor.
4. Application of hidden Markov models to influenza epidemics in Portugal was an important contribute published in Statistics and Medicine.
5. Models on dengue epidemics and its spatio temporal distribution in Rio de Janeiro city
6. Statistical issues on spatial temporal models for forest fires frequency.
7. Statistical Epidemiology and Public Health, with applications in tropical medicine and in particular to malaria.
8. Collaboration with the biology research group on the analysis of microarray data
9. Extending induced ROC methodology to the functional context
10. Eight students finished their PhD thesis and the student Poletto was awarded the prize Casimiro Montenegro Filho with his work on categorical data analysis and missing values

### Desvios à Proposta Aprovada

Se tiver havido desvios à proposta aprovada, quer do ponto de vista científico como financeiro, aponte os desvios e justifique-os. Se teve dificuldades na execução do plano de trabalhos aprovado, identifique-os e indique de que modo pretende ultrapassá-los.

Se no período em apreço tiver informado a FCT sobre alteração orçamental inter-rubricas (necessitem ou não de autorização por parte da FCT), indique aqui o motivo.

Scientifically the main objectives for 2011 and 2012 were accomplished and well over passed with respect to the expected indicators as proposed on the strategic project. We had however to postpone for 2012 some of the invited speakers for the regular international seminars of CEAUL, due to the fact that at the beginning of April 2011 the FFCUL urged the centers to uphold expenses due to lack of cash flow. Also in 2011 members of the project attended a smaller number of conferences as it was planned, again because of difficulties with managing uncertainties with the allocated budget. However in 2012 there was quite a good participation in conferences. This is a very important activity for the members of the project since it is imperative that researchers in these areas attend conferences, workshops and other type of international meetings, not only to present the work they are developing with the aim to get good feedback from the peers, as well as to be up to date on the state of the art in their subject.

Relatively to the budget, a small amount, 12270.82 Euros, was used from the budget received referred to 2011, since several expenses during 2011 had to be presented to FCT to justify expenses done in previous years which were considered by FCT as not eligible. The amount spent from the strategic project was 193.548,20 Euros (50.13%) as it was reported in September. A summary of the budget execution is given as the pdf file execucaoorcamental.pdf

### Equipa de Investigação

Nome	Cargo Função	Tarefas	% Tempo	Dt Entrada	Dt Saída	Desistiu
<b>Maria Antonia Conceição Abrantes Amaral Turkman</b>	Inv. Responsável		55%			
<b>Amílcar Manuel do Rosário Oliveira</b>	Investigador		40%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Ana da Costa Freitas</b>	Investigador		100%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Ana Luisa Trigo Papoila da Silva</b>	Investigador		30%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>ANA MARIA PORTELA NUNES DE SOUSA FERREIRA</b>	Investigador		40%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Ana Maria Santos Ferreira Gorjão Henriques</b>	Investigador		60%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Ana Paula André Martins</b>	Investigador		5%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Ana Sofia Monteiro de Araújo Soares</b>	Investigador		40%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Anabela de Fátima Domingues Cardoso Marques</b>	Investigador		30%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>André Simões Sintra</b>	Investigador		10%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>António Alberto Oliveira</b>	Investigador		20%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Áurea Sandra Toledo de Sousa</b>	Investigador		30%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Baltazar Emanuel Guerreiro Nunes Bravo Nunes</b>	Investigador		10%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Björn Jochen Vandewalle</b>	Investigador		25%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Bruno da Silva Marques</b>	Investigador		20%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Carina Soares da Silva Fortes</b>	Investigador		40%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Carlos Daniel Mimoso Paulino</b>	Investigador		50%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Carlos José Brás Geraldés</b>	Investigador		40%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Carlos Manuel Cravo Ventura</b>	Investigador		40%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Cecília Margarita Rendeiro do Carmo</b>	Investigador		40%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Clara Maria Henrique Cordeiro</b>	Investigador		40%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Cláudia Margarida Pedrosa Neves</b>	Investigador		40%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Cláudia Susana Pereira dos Santos</b>	Investigador		40%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Cristiana Maria Palmela Pereira</b>	Investigador		40%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Cristina Maria</b>						

<b>Tristão Simões Rocha</b>	Investigador	40%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Délia Canha Gouveia</b>	Investigador	40%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Dinis Duarte Ferreira Pestana</b>	Investigador	60%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Emília da Conceição Mendes de Oliveira</b>	Investigador	15%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Emiliano Barreto_Hernandez</b>	Investigador	100%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Fernanda Otilia de Sousa Figueiredo</b>	Investigador	40%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>fernando jose araujo correia da ponte sequeira</b>	Investigador	40%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Fernando José Malheiro de Magalhães</b>	Investigador	20%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Fernando Manuel Fialho Rosado</b>	Investigador	60%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
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<b>Helena Maria Iglésias Pereira</b>	Investigador	40%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Helena Maria Simões Ferreira</b>	Investigador	10%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Hugo Filipe Valente dos Santos Pereira</b>	Investigador	40%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Isabel Cristina Maciel Natário</b>	Investigador	40%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Isabel Maria Tudela Reimão Pinto de França Doria</b>	Investigador	40%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Ivone Maria Ribeiro Figueiredo da Silva Rosa (CO-ORIENTADORA)</b>	Investigador	5%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
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<b>Jorge Morais Mendes</b>	Investigador	50%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
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<b>Leonel da Silva</b>	Investigador	70%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>

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Ligia Carla Pinto Henriques Jorge Rodrigues	Investigador	40%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Lisete Maria Ribeiro de Sousa	Investigador	50%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
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Luisa da Conceicao dos Santos do Canto e Castro de Loura	Investigador	30%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Luísa Maria Jota Pereira Amaral	Investigador	10%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Luzia Augusta Pires Gonçalves	Investigador	40%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Manuel António Lourenço dos Reis	Investigador	30%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Manuel Gonzalez Scotto	Investigador	20%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Margarida Maria Teixeira Diniz Mendes Leal	Investigador	15%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Maria Cristina Souto Miranda	Investigador	30%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Maria da Conceicao Rodrigues Ribeiro	Investigador	40%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Maria da Graca Santos Temido Neves Mendes	Investigador	10%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Maria de Fátima Almeida Brilhante	Investigador	30%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Maria Eugénia Santos Lino Pires Graça Martins	Investigador	60%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Maria Fernanda A.S.F. Oliveira	Investigador	15%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Maria Fernanda Nunes Diamantino	Investigador	30%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Maria Helena Bacelar Valente da Costa Nicolau	Investigador	40%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Maria Helena Neves de Queirós Gonçalves	Investigador	40%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
MARIA ISABEL FRAGA ALVES	Investigador	50%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
MARIA IVETTE LEAL DE CARVALHO GOMES	Investigador	60%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
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Maria Madalena de Freitas Malva	Investigador	40%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>

<b>Maria Manuela Caria Figueira de Sá Neves</b>	Investigador	20%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Maria Manuela Costa Neves Figueiredo</b>	Investigador	40%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Maria Salomé Esteves Cabral</b>	Investigador	40%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Marília Cristina de Sousa Antunes</b>	Investigador	50%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Marta Maria Dos Santos Castel-Branco</b>	Investigador	40%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Miguel Brás de Carvalho</b>	Investigador	10%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Miguel Luís Simões Marques dos Santos</b>	Investigador	25%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Miguel Martins Felgueiras</b>	Investigador	40%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Natércia Felgueiras Seabra Durão</b>	Investigador	5%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Nuno Henriques dos Santos de Sepulveda</b>	Investigador	50%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Oswaldo Dias Lopes da Silva</b>	Investigador	40%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Otilia Maria da Conceicao Dias</b>	Investigador	5%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Pal Rakonczai</b>	Investigador	100%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Patricia Cortes Zea Bermudez</b>	Investigador	50%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Paula Cristina Martins dos Reis</b>	Investigador	50%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Paula Cristina Sequeira Pereira</b>	Investigador	70%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Paulo Abel de Almeida João</b>	Investigador	20%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Paulo Jose Araujo dos Santos</b>	Investigador	50%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Paulo José de Jesus Soares</b>	Investigador	40%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Paulo José Figueira Semblano</b>	Investigador	30%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Pedro Duarte Leal Gomes Pestana</b>	Investigador	20%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Regina Maria Baltazar Bispo Carita</b>	Investigador	40%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Ricardo Augusto Domingues Gomes de Sá e Sousa</b>	Investigador	25%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Ricardo Miguel Vieira de São João</b>	Investigador	40%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Rita Maria César e Sá Fernandes de Vasconcelos</b>	Investigador	25%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>

<b>Rui Filipe Vargas de Sousa Santos</b>	Investigador	40%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Rui Manuel da Costa Martins</b>	Investigador	20%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Sandra Cristina de Faria Ramos</b>	Investigador	70%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Sandra Maria da Silva Figueiredo Aleixo</b>	Investigador	40%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Sandra Maria Freitas Mendonça</b>	Investigador	40%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Sérgio Luís Ganhão Vicente</b>	Investigador	10%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Sílvia Maria Dias Pedro</b>	Investigador	100%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Silvio Filipe Velosa</b>	Investigador	30%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Susana Maciel Pires</b>	Investigador	30%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Susana Maria Gouveia Rosado Ganhão</b>	Investigador	40%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Teresa Paula Costa Azinheira Oliveira</b>	Investigador	40%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Tiago André Lamas Oliveira Marques</b>	Investigador	25%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Valeska Lima Andreozzi</b>	Investigador	100%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Vanda Calhau Fernandes Inácio</b>	Investigador	100%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<b>Vítor Manuel Fernandes Valente</b>	Investigador	20%	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>



### 3. Publicações

Apenas para o período a que respeita o Relatório de Progresso, indique trabalhos apresentadas ou aceites para publicação ou apresentação, e trabalhos submetidos no período a que o relatório respeita.

A informação pretendida neste campo é inserida em formato livre. Para cada publicação deve ser indicada a seguinte informação:

- Descrição, contendo os seguintes elementos:
  - Em livros ou monografias: autor(es), título, número e/ou identificação da edição, número do volume, lugar da publicação, número de páginas;
  - Em revistas científicas: autor(es), título, título da revista, lugar da publicação, número do volume, número da primeira e última página;
  - Em artigos ou abstracts de comunicações científicas ou outras participações de índole científica em congressos internacionais ou nacionais: autor(es), título do artigo ou comunicação, nome da publicação, volume, número de páginas;
- Estado, indicando a situação:
  - Publicado/Apresentado;
  - Aceite para publicação/apresentação;
  - Submetido.

Nos trabalhos aceites para apresentação ou publicação, a data de aceitação deve ser indicada no campo descrição.

**Nota em 22-11-2011:** Para os trabalhos que tenham sido publicados ou apresentados deve ser indicado o URL onde o mesmo possa ser consultado, devendo este URL ser mantido pelo mesmo período do dossier de projecto.

#### Exemplos:

- Aceite - I. Santos, J. Rodrigues, "Non linear control design of a team of autonomous vehicles", aceite (Dezembro de 2008) para apresentação na IEEE Conference on Control Systems, Madrid, Espanha, Maio de 2009. URL: <http://www.xpto.xpto.pt>
- Publicado - A. Silva, P. Oliveira, "Social behaviour of a dog colony in extreme conditions", Journal of Animal Behaviour, Elsevier, Vol. 2, N°3, pp.373-395, September 2009. URL: <http://www.xpto.xpto.pt>
- Apresentado - V. Santos, J. Rodrigues, "Medical image segmentation for endoscopy applications", Proc. of the International Conference on Medical Imaging, Pittsburgh, USA, March 2009, pp. 304-312. URL: <http://www.xpto.xpto.pt>
- - Submetido - M. Santos, P. Oliveira, "Comparative Analysis of Elephant Populations", submetido (Fevereiro de 2009) para apresentação na International Conference on Veterinary Studies, S. Paulo, Brasil, Novembro de 2009.

**Nota em 22-11-2011:** Chama-se a atenção para a necessidade absoluta do cumprimento das **Normas de Informação e Publicidade** disponíveis para consulta em <http://www.fct.pt/apoios/projectos/regulamentos>  
Nessas normas são indicadas frases tipo de publicação para o caso de artigos científicos e teses.

#### Published

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#### 4. Indicadores de Realização Física

Neste quadro deve indicar os valores referentes ao período a que corresponde o Relatório de Progresso.

Neste quadro deve apenas indicar concretizações efectivas. Não indique publicações submetidas para publicação, nem teses que ainda não tenham sido discutidas.

Indicadores	Quantidade realizada
<b>A - Publicações</b>	
Livros	51
Artigos em revistas internacionais	99
Artigos em revistas nacionais	13
<b>B - Comunicações</b>	
Comunicações em encontros científicos internacionais	239
Comunicações em encontros científicos nacionais	98
<b>C - Relatórios</b>	40
<b>D - Organização de seminários e conferências</b>	59
<b>E - Formação avançada</b>	
Teses de Doutoramento	12
Teses de Mestrado	31
Outras	8
<b>F - Modelos</b>	0
<b>G - Aplicações computacionais</b>	2
<b>H - Instalações piloto</b>	0
<b>I - Protótipos laboratoriais</b>	0
<b>J - Patentes</b>	0
<b>L - Outros</b>	

**5. Ficheiros Anexos (opcional)**

Neste item poderá incluir, apenas se entender como estritamente necessário, ficheiros com formato PDF, que tenham sido referidos no relatório, por exemplo, gráficos, esquemas, fotografias.

O conjunto dos ficheiros (em número máximo de cinco) ou o arquivo comprimido a submeter não poderão ultrapassar 10MB.

Nome	Ponto do RP	Descrição
<a href="#">Publicacoes2011.pdf</a>	2. Resumo dos trabalhos	publicacoes2011
<a href="#">Publicacoes2012.pdf</a>	2: Reusmo dos trabalhos	publicacoes 2012
<a href="#">execucaoorcamental.pdf</a>	2: Desvios à proposta aprovada	Execução orçamental