

## Part I - Scientific Activities

# Tokamak ISTTOK (exemplo)

## Summary and highlights of research achievements (alterar este titulo de acordo)

Provide a concise description of the main research achievements during the year.

Figures, tables, graphics etc must have captions.

Graphic files must be submitted separately from the text (i.e. not embedded), and have a resolution of at least 150 dpi.

Restantes titulos: promover a H2 ou eliminar de acordo com o trabalho efectuado:

Participation in the ITER project

Participation in the EFDA programme

Participation in the collective use of the JET facilities by the EFDA Associates

Participation in the ASDEX Upgrade programme

Participation in the TJ-II programme

Participation in the COMPASS programme

Collaboration with the Association Euratom/CEA

General activities on theory and modeling

Keep-in-touch activities in inertial fusion energy

Other fusion-related activities

Plasma theory and simulations

New radiation sources from plasmas and optical physics

Laser-plasma accelerators and applications

High intensity laser and technology

Coherent XUV sources and applications

Fast ignition and HiPER

Plasma engineering laboratory

Non-equilibrium kinetics and simulations of plasmas and afterglow plasmas

Modelling of plasma sources

Quantum plasmas

Fundamental physics in space

# Part II - Scientific Output

Please fill the following pages according to the format shown and the examples provided.

It is suggested that for each section you start by copying as many items as required.

### A. Publications

## Books and book chapters

Copy as many tables as required and fill the data in the right column. In alternative fill the database existing on XXXXXXXX and provid here a link to your publication.

Author(s)	
Chapter title	(if applicable)
Page	(if applicable)
Book title	
Publisher	
Year	

# Papers in international refereed scientific journals

Copy as many tables as required and fill the data in the right column. The first table is filled only as an example, you may delete it.

Author(s)	Abel IG, BN Breizman, SE Sharapov and JET-EFDA
Paper title	Resonant excitation of shear Alfvén perturbations by trapped energetic ions in a tokamak
Journal name	Physics of Plasmas
Volume, page	16, 102506
Year	2009

# B. Publications and contributions in conferences and workshops

Copy as many tables as required and fill the data on the right column.

# Papers in conference proceedings

Author(s)	
Paper title	

\_Template\_

Conference	
Volume, page	
Year	
Invited talks	
Conference	
Start-end date	
Location	
Author(s)	
Talk title	
Oral contributions	;
Conference	
Start-end date	
Location	
Author(s)	
Talk title	
Conference j Posters	

Conference	
Start-end date	
Location	
Author(s)	
Poster title	

# C. Other publications and outputs

### **Patents**

Authors, "Title" Patent code (date)

# International reports

fhAuthors, "Title" Report title (date)

# Technical reports

Authors, "Title" Report title (date) Laboratorial prototypes Authors, "Title"

# Computational and numerical codes

Authors, "Title"

# D. Education and training

## Doctorate theses completed

Author, "Title", University, location (month year), supervised by Supervisor\_name.

## Master's theses completed

Author, "Title", University, location (month year), supervised by Supervisor\_name.

## Other

(Specific description)

## E. Distinctions and awards

#### **Prizes**

Example: N. Surname was awarded the XPTO Prize for Excellence.

Board of scientific journals and editorial positions

Example: N. Surname served as editor of the Journal X.

# Organizing committees of conferences and workshops

Example: Organization of the Conf-Name, January 1-5, Lisbon, Portugal.

# Scientific committees of conferences and workshops

Example: N. Surname was a member of the scientific committee of the Conf-Name, January 1-5, Lisbon, Portugal.

## Management activities

Example: N. Surname was a member of the management board of IPFN.

## Refereeing of scientific publications

Example: N. Surname served as referee for Journal X.

## Refereeing of projects

Example: N. Surname served as referee for Funding Agency X.

## Projects/funding awarded

Principal\_investigator, "Project\_title", Funding\_agency Project Code (Start\_date - End\_date)

## Individual fellowships awarded

Name, Fellowship\_type, Funding\_agency Fellowship Code (Start\_date - End\_date)

### Other

(specific description)

### E. Public Information activities

## Media accounts of research

Example: N. Surname was interviewed for the television channel TV1 on the subject of nuclear fusion

### Press releases

Author(s), "Title" (Date)

Science communication to the public

(Specific description)

### F. Other

#### Short-term visitors

Example: N. Surname was a visitor at the Group for X during January 1-7

### Long-term visitors

Example: N. Surname was a visitor at the Group for X during January 1 to September 30

#### Other

(Specific description)