

HOTEL Information for participants



The **ARWtr2010** will be held in the Hotel **Parador Hostal dos Reis Católicos**, one of the jewels in the Spanish network of state hotels. The **Parador**, located in the **Plaza do Obradoiro**, forms together with the Cathedral, the City Hall and the College of San Xerome, one of the world's most remarkable, and most visited urban settings, combining history, art and tradition; being the destination of pilgrims and the emblem of Saint James.

The **Hostal**, which first saw life as a Royal Hospital in 1499 to house many pilgrims arriving in Santiago de Compostela, today still attracts travellers to enjoy this universal and fascinating city.

Considered the oldest hotel in the world, the **Hostal** is also one of the most luxurious and awesome hotels. It has four extremely beautiful cloisters, elegant public rooms, spectacular bedrooms and a luxurious dining room offering Galician style shellfish, fish and meats together with local wines, which are the perfect accompaniment to all this. Albariño, Ribeiro, Condado, Valdeorras, Monterrei or Ribeira Sacra varieties top the list in a wide range of exquisite Galician wines.



The **ARWtr2010** participants will have special rates for accommodation at **Parador Hostal dos Reis Católicos******* venue, 50% lower than public rates, though Organisation. Additionally, Santiago as tourist and university city offers a wide range of accommodation possibilities. Further information about the procedure for booking will be available in **ARWtr2010** Web-site.

Sketch of the preliminary Programme

October 2, 2010

A walk along the emblematic Saint James Way.

October 3, 2010

Technical Visit; **ARWtr2010** Welcome Reception.

October 4, 2010

Opening Session; Lectures; Coffee-Breaks-Poster-Sessions; Technical Exhibitions; Discussions; **ARWtr2010** Dinner at San Francisco Monastery.

October 5, 2010

Lectures; Coffee-Breaks-Poster-Sessions; Technical Exhibitions; Discussions; Closing Session; FRA Tutorial.

October 6, 2010

FEM Tutorial; Closing of **ARWtr2010**.

Lunches at **Parador** - Spouses/Companions Tours.

USEFUL Information

<http://webs.uvigo.es/arwtr2010>
<http://www.turgalicia.es>
<http://www.paradores.es>

DEADLINES for participants

March 31, 2010 Receipt of **two-page** digests
by e-mail to arwtr2010@uvigo.es

For those **ARWtr2010** participants who wish to present their contributions during coffee break-poster sessions, a digest has to be submitted by March 31, 2010.

The digest of one or two pages written in English with title, author's name, affiliation and address, has to summarize the content of the contribution: Keywords, aim, objectives, starting point, purpose, methodology/approach, findings, originality, conclusions and references.

April 30, 2010 Notification of acceptance of digests.

Information on the preparation of full paper and presentation.

August 15, 2010 Receipt of final manuscripts.

ENGLISH will be the official language of Workshop.

PUBLICATION & International Journal NEW

All accepted papers and lectures will be published in the **ARWtr2010** Proceedings.

In this current **ARWtr2010** edition those accepted papers can be submitted again after Workshop for a second review by **ARWtr2010** Editorial Board. The papers selected in that peer-review process will be published in a Special Section of **COMPEL** Journal.

Sponsors



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UNIVERSIDADE
DE VIGO

ARWtr 2010

OCTOBER (3)4-6, 2010
Santiago de Compostela, Spain

IEEE PES
Spanish Chapter



The 3rd International Advanced Research Workshop on

transformers

4th Announcement



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3rd ADVANCED WORKSHOP ON TRANSFORMERS

ARWtr2010

OCTOBER (3) 4-6, 2010
Santiago de Compostela, Spain

Workshop is organised by

Dept. of Electrical Engineering,
Universidade de Vigo, Spain

Under patronage of

- **CIGRE** Spanish National Committee
- **CIGRE** Portuguese National Committee
- **IEEE PES** Spanish Chapter

With support of

- **EFACEC** Transformers, Porto, Portugal
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- **SPANISH MINISTRY OF SCIENCE AND TECHNOLOGY**

AIM

Advanced Research Workshop on Transformers (ARWtr2010) will provide a meeting place for specialists from industrial, academic and research world to share practical knowledge and establish links of collaboration on new trends and issues in modern power, instrument and high frequency transformers.

TOPICS

The ARWtr2010 considers the following main topics in the areas of Power, Instrument and High Frequency Transformers.

APLICACION – DIAGNOSTIC – REQUIREMENTS - DESIGN & TESTING - MAINTENANCE - MATERIALS - ECONOMICS
ESPECIFICACIONES – NEW TECHNOLOGY

In particular:

Condition based on maintenance - New diagnostic methods
Computation and problems of windings, cores - Coupled field
formulation - Criteria for the short-circuit proof design - Design and
modelling - Heating and cooling - Life management techniques
Fault analysis - Mechanical design of tanks, undercarriage - Noise
and vibration - Optimal selection between different core types -
Stray losses, screening and local excessive heating hazard
Superconducting - Economic in transformer management - Ageing/
Replacement / Refurbishments - Market opportunities –others.

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ARWtr2010 STRUCTURE

The structure of **ARWtr2010** will consist of:

Oral sessions. A group of outstanding specialists, the key speakers, will deliver invited lectures on key topics.

Poster sessions. All participants will have the possibility of presenting their own works and contributions during the coffee break-poster sessions.

Special sessions. These are intended for discussion of the current challenges/problems and recommendation for future research and actions.

Technical visit and Social events. Additional technical and social activities will also be included in the programme.

Tutorials. Tutorials are also being considered.

Commercial exhibitions. These can be exhibited during coffee breaks-poster sessions.

About VENUE- Santiago de Compostela



Santiago de Compostela has been declared World Heritage of Mankind in 1984, and the road to Santiago de Compostela has been acknowledged as the First European Route and a World Heritage site. Countless people have gone to Compostela on pilgrimage to visit the Saint James tomb since the 9th century.

The city holds the privilege of the Sacred Indulgence Year, which takes place when the Apostle Saint James day (July 25th) falls on Sunday, which means every 6,5,6 and 11 years (the next Holy Year will be in 2010 during **ARWtr2010**). It increases the number of visitors from 3 to 7 millions people in a year.

The city was also honoured as European City of Culture of the year 2000 by the Council of Ministers of Culture of the European Union as recognition of the importance its splendid architecture, monumentality and cultural activity have on its history and its present.



Since 1980 Santiago has been the political and administrative capital of the Spanish Autonomous Community of Galicia, the green land on the North-West of Spain and 100 km far from Northern of Portugal.

ARWtr2010 venue will be in this charming city at the outstanding Obradoiro Square, facing the Cathedral. This Romanesque jewel covered with Renaissance, baroque and neoclassical ornaments holds the Apostle's tomb and The Porch of Glory, a triple doorway with plenty of genuine sculptures, that constitutes Maestro Mateo's masterpiece. Each cathedral entrance faces a square, with aristocratic houses and important buildings all around.

To get SANTIAGO DE COMPOSTELA

Santiago de Compostela is well connected to the world by means of motorway, train and its airport (Lavacolla).

Address for CORRESPONDENCE

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