

# ARWtr 2007

Advanced Research Workshop on transformers

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## PREFACE

The 2nd Advanced Research Workshop on Transformers (ARWtr2007: <http://webs.uvigo.es/arwtr2007>) is jointly organised by Department of Electrical Engineering-University of Vigo-Spain and Institute of Mechatronics and Information Systems-Technical University of Lodz-Poland.

After success of **ARWtr 2004** (<http://webs.uvigo.es/arwtr04>) in Vigo-Spain, this next edition, **Advanced Research Workshop on transformers (ARWtr 2007)** will be held under honorary patronage of CIGRE Spanish and Portuguese National Committee, Study Committee of Transformer A2, and IEEE Power Engineering Society Spanish Chapter.

Electrical Transformers are living a “gold” period from the last three years, since the global demand is being the double compare with previous 25 years. In this new stage under economic pressure traditional habits must be questioned now: ageing technology and conservatism in the approach to innovation are being blamed and have created a situation where reliability is under questions. Close cooperation between users and manufacturers is essential in achieving success in life cycle management of transformers.

This **2<sup>nd</sup> Advanced Research Workshop on transformers (ARWtr 2007)**, devoted to issues related with Electrical Transformers, mainly Power in this edition, will be held in The Royal Village of Baiona-Spain, in October (28)29-31, 2007.

Baiona is a nice old town on Galician coast very close to city of Vigo, and no far from Porto-Portugal and Santiago de Compostela cities. Places where its beauty, people, good environment, wine and cuisine, and its cultural heritage offer a specific atmosphere.

The ARWtr2007 venue will be the Parador Royal Palace , a Middle Age castle transformed into a nice state hotel. The *Parador* lies within the precinct of The Royal Hill, surrounded by its fortified walls, before it was colonized by the Romans in the second century B.C., from where there is an incomparable view on Atlantic shore and well-known *Rías*, natural estuaries formed by mountains, beaches and sea.

The present ARWtr2007 has the privilege to celebrate the 80<sup>th</sup> birthday of Professor J. Turowski, the main promoter of the Workshop. It will be just the October 30 during the ARWtr2007 Dinner, since Professor J. Turowski born in the City of Kowel (Poland before II World War, now Ukraine) in October 30, 1927.

The works collected for presenting at ARWtr2007 cover an interesting range of topics on transformers, where Speakers are well-known experts in transformer area. The Speakers are strongly involved either with leading transformer work factories or strong utilities and electricity companies.

Therefore, the organisers wish all participants fruitful debates at the Workshop as well a pleasant stay in Baiona.

The ARWtr2007 Directors express their thanks to Sponsors and Institutions for their financial and organisational support and do hope that participants will successfully exchange their practical knowledge and find common interest for establishing links of collaboration.

## TABLE OF CONTENTS

Pages

## ARWtr 2007 LECTURES

- 1.- Presentation of CIGRE A2 “Transformers” Technical Developments and Inputs from Current Activities** 6 - 12
- Pierre BOSS*  
Chairman CIGRE SC A2 ‘Transformers’  
ABB Secheron Ltd, CH 1211 Geneva 2, Switzerland  
Phone: (+41) 58 586 2368, Fax: (+41) 58 586 2019 , e-mail: pierre.boss@ch.abb.com
- 2.- 50-60 Year of Transformer Engineering and a Perspective of the Future** 13 - 16
- Harold MOORE*  
Transformer Consultant  
Harold Moore and Associates-USA
- 3.- Reliability of Power Transformers - Important Aspects to Drive the Industry to Focus on Quality** 17 - 23
- Thomas FOGELBERG*  
ABB Transformers  
ABB AB, SE-77180 Ludvika, Sweden  
Phone: +46 240 783460, fax: +46240 783400, email: thomas.fogelberg@se.abb.com
- 4.- Development, Innovation and Transformer Solutions** 24 - 29
- Miguel OLIVA and Lorenzo PRIETO*  
Chairman of CIGRE A2 Spanish National Transformer Working Group  
Asea Brown Boveri S.A., Power Transformers, Escritor Conde Zamora s/n, 14004 Cordoba, Spain  
Phone: (+34) 957 469169, fax: (+34) 957 469190, e-mail: miguel.oliva@es.abb.com; lorenzo.prieto@es.abb.com
- 5.- Laminated Pressboard and Laminated Wood Products in Power Transformers** 30 - 37
- Bernhard HEINRICH, Hans Peter GASSER and Christoph KRAUSE*  
Weidmann Electrical Technology AG  
Neue Jonastrasse 60, CH-8640 Rapperswil-Jona, Switzerland  
Phone: +41(0)55 221 44 09, fax: +41(0)55 222 84 46, e-mail: bernhard.heinrich@wico.com
- 6.- Reliable Diagnostics of HV Transformers Insulation for Safety Assurance of Power Transmission System. REDIATool - an European Research Project** 38 - 55
- Stanislaw M. GUBANSKI*  
Department of Materials and Manufacturing Technology  
Chalmers University of Technology  
412 96 Gothenburg, Sweden  
Phone: (+46) 31 772 1616, fax: (+46) 31 772 1617, e-mail: stanislaw.gubanski@chalmers.se
- 7.- Stray Losses Control in Core and Shell Type Transformers** 56 - 68  
Part I: Upgrading of Energy-Saving and Reliability of Large Transformers
- J. TUROWSKI\*, Xose M. LOPEZ-FERNANDEZ\*\*, A. SOTO-RODRIGUEZ, D. SOUTO-REVENGA\*\*\**
- \* Dept. of Intelligent Information Systems, WSHE – Lodz Poland, Consultant for University of Vigo Spain, turowski@p.lodz.pl  
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\*\*\*EFACEC Transformer Works, Porto –Portugal , andrea.soto@efacec.pt; david.revenga@efacec.pt
- 9.- Sources, Measurement and Mitigation of Sound Levels in Transformers** 76 - 94
- Jeewan PURI*  
Chair of Audible Sound and Vibration IEEE Subcommittee  
Transformer Solution, Inc  
6700 Tree Hill Road, Matthews, NC 28104  
Phone: 704 821 6638, E-mail: manopuri@worldnet.att.net

- 10.- Detection of Transformer Winding Displacement Using Frequency Response Analysis Method (FRA)** 95 - 112
- Ryszard MALEWSKI*
- Malewski Electric Inc. Montréal, Qué. Canada  
Phone: +4822 8490522, E-mail: [malewski@ieece.org](mailto:malewski@ieece.org)
- 11.- Large Power Transformer Cooling – Flow Simulation and PIV analysis in an Experimental Prototype** 113 - 129
- Paulo J. GOMES<sup>1,3</sup>, Renato G. SOUSA<sup>1</sup>, Madalena M. DIAS<sup>3</sup>, José C.B. LOPES<sup>1,3</sup>, Manuel SILVESTRE<sup>2</sup>, Duarte COUTO<sup>2</sup>, Paulo MESQUITA<sup>2</sup>*
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<sup>3</sup> Laboratory of Separation and Reaction Engineering, Dept. of Chemical Engineering, Faculdade de Engenharia da Universidade do Porto, Rua Dr. Roberto Frias, 4200-465 Porto, Portugal
- 12.- Studies in a Large Power Transformer – Heat Transfer and Flow Optimization using CFD** 130 - 146
- Paulo J. GOMES<sup>1,3</sup>, Renato G. SOUSA<sup>1</sup>, Joana I. CARDOSO<sup>1</sup>, Madalena M. DIAS<sup>3</sup>, José C.B. LOPES<sup>1,3</sup>, Manuel SILVESTRE<sup>2</sup>, Duarte COUTO<sup>2</sup>, Jácomo RAMOS<sup>2</sup>, Paulo MESQUITA<sup>2</sup>, Mário MAIA<sup>2</sup>*
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<sup>3</sup> Laboratory of Separation and Reaction Engineering, Dept. of Chemical Engineering, Faculdade de Engenharia da Universidade do Porto, Rua Dr. Roberto Frias, 4200-465 Porto, Portugal
- 13.- Improvement of Transient State Parameters of Protective Current Transformers** 147 - 171
- Elzbieta LESNIEWSKA and Wieslaw JALMUZNY*
- Department of Applied Electrical Engineering & Instrument Transformers, Technical University of Lodz,  
ul. Stefanowskiego 18/22, 90-924 Lodz, Poland  
Phone: (+4842) 6312694, fax: (+4842) 6372030, e-mail: [elalesni@p.lodz.pl](mailto:elalesni@p.lodz.pl)
- 14.- Coupled Field Computation for Analysis of Intricate Phenomena in Transformers** 172 -186
- S. V. KULKARNI*
- Department of Electrical Engineering, Indian Institute of Technology-Bombay  
Powai, Mumbai – 400076, INDIA  
Phone: (+91) 22 2576 7430, Fax: (+91) 22 2572 3707, E-mail: [svk@ee.iitb.ac.in](mailto:svk@ee.iitb.ac.in)
- 15.- Techniques for Power Transformer Maintenance and Refurbishing Life Cycle Extension** 187 - 192
- Jorge F. MARTINS*
- Substations Maintenance Department – Operation Division,  
REN – Rede Eléctrica Nacional, SA  
Rua Casal dos Mogos – Vermoim, 4470-259 Maia, Portugal  
Phone: (+351) 220011600, fax: (+351) 220011610, e-mail: [jorgefilipe.martins@ren.pt](mailto:jorgefilipe.martins@ren.pt)
- 16.- Necessities for Power Transformer Operation and Maintenance for Successful Life Management**
- Part 1: The Theory and the Tools**
- A.J. KACHLER* 193 - 207
- 17.- Part 2: Practical Experience** 208 - 218
- A.J. KACHLER*
- Ex-Director of SIEMENS Distribution and Power Transformers  
Transformer Consultant for Testing - QM and Diagnostic  
Lindeäckerweg 8, D 90455 Nuremberg, Germany  
Phone/Fax (+49) 911 6383652, e-mail: [adolf.kachler@t-online.de](mailto:adolf.kachler@t-online.de)

- 18.- Quality assurance for Power Transformers. The point of view of a Utility** 219 - 226
- Ernesto PÉREZ-MORENO, Eduardo IRABURU, Joaquín GORTÁZAR*
- Department of HV Equipment Quality Assurance  
UNION FENOSA DISTRIBUCION  
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- 19.- Improvement in Reliability of Power Transformers base on Changes in Specification** 227 - 254
- Hugo GAGO GARCÍA, [hgago@iberdrola.es](mailto:hgago@iberdrola.es)*  
*Julian VADILLO ITURRIOZ, [julian.vadillo@iberdrola.es](mailto:julian.vadillo@iberdrola.es)*  
*Emilio SIERRA GOMEZ, [emilio.sierra@iberdrola.es](mailto:emilio.sierra@iberdrola.es)*  
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*Rafael ADOBES GOLFE, [rag@iberinco.com](mailto:rag@iberinco.com)*  
Iberinco, Spain

## ARWtr 2007 PAPERS

- 20.- Policy for Renewal of Electrical System Substations Silicon-Carbide (SiC) Surge Arresters considered Power Transformers Life Guard: a technical - economical vision** 255 - 264
- João Carlos CARNEIRO*
- Department of Planning and Engineering, CPFL – Companhia Paulista de Força e Luz  
Campinas - Mogi Mirim Road, km 2.5; No. 1755; Postal Code 13088-900  
Campinas – Sao Paulo – Brazil; Phone: + 55 19 3756 8529, e-mail: [carneiro@cpfl.com.br](mailto:carneiro@cpfl.com.br)
- 21.- Guidelines for the Implementation of Condition Monitoring Systems in Power Transformers** 265 - 270
- Juan L. VELÁSQUEZ CONTRERAS, Roberto VILLAFÁFILA, Pau LLORET, Lluís MOLAS*
- Centre of Technological Innovation in Static Converters and Drives (CITCEA-UPC), Department of Electrical Engineering, Polytechnic University of Catalonia, EU d'Enginyeria Tècnica Industrial de Barcelona, Comte d'Urgell, 187. 08036 Barcelona, Spain. Email: [juan.lorenzo.velasquez@citcea.upc.edu](mailto:juan.lorenzo.velasquez@citcea.upc.edu)
- Samuel GALCERAN*
- Centre of Technological Innovation in Static Converters and Drives (CITCEA-UPC), Department of Electrical Engineering, Polytechnic University of Catalonia, ET Superior d'Enginyeria Industrial de Barcelona, Av. Diagonal, 647. 08028, Barcelona, Spain. Email: [galceran@citcea.upc.edu](mailto:galceran@citcea.upc.edu)
- 22.- Off-line and On-line diagnosis methods for power transformer on load tap changers** 271 - 278
- Edwin RIVAS<sup>1,2</sup>, Juan C. BURGOS<sup>1</sup>, Juan C. GARCÍA-PRADA<sup>3</sup>*
- <sup>1</sup>Department of Electrical Engineering, <sup>3</sup>Department of Mecanical Engineering, E.P.S University Carlos III de Madrid  
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Phone.:5713239300 e-mail: [erivas@udistrital.edu.co](mailto:erivas@udistrital.edu.co)
- 23.- On Line measurements of the Frequency Response of the Transformer by means of the Bushing Tap Coupler** 279 - 284
- C. GONZÁLEZ <sup>(1)</sup>, J. PLEITE <sup>(1)</sup>, J. SANZ <sup>(2)</sup>, V. VALDIVIA <sup>(1)</sup>*
- Department of Electronic Technology, (2) Department of Electrical Engineering, University Carlos III de Madrid  
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- 24.- Medium Frequency Current Transformers in the Electrical Power Industry** 285 -290
- Ryszard NOWICZ*
- Technical University of Lodz, Department of Applied Electrical Engineering and Instrument Transformers  
ul. Stefanowskiego 18/22, 90-924 Łódź, POLAND  
e-mail: [s-k23-1@adm.p.lodz.pl](mailto:s-k23-1@adm.p.lodz.pl)
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e-mail: [rr@polcontact-warszawa.pl](mailto:rr@polcontact-warszawa.pl)
- 25.- The megahertz transformer for power applications** 291 - 296
- Mariusz STEPIEN<sup>1</sup> Boguslaw GRZESIK<sup>2</sup>*
- The Silesian University of Technology, Department of Power Electronics, Electrical Drives and Robotics  
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- 26.- Radio Channel Acoustic Recorders of the Discharge Processes in the Insulation of Current Transformers** 297 - 301
- OTMORSKIY S.G., PERSHINA N.F., ROSCHUPKIN M.D., TSVETAEV S.K.*
- ARETECH SOLUTIONS,  
C/ Cronos, 63, 1º 4, 28037 – Madrid, Tlf. +34.91.304.73.90, Fax. +34.91.304.93.47  
<http://www.aretchsolutions.com>
- 27.- Seismic Response Analysis Of Power Transformer By FEA** 302 - 306
- AD SHENDGE, Sr. Design Manager,*
- Vijai Electricals Ltd, Engineering Department; Power Transformer Division,  
Rudraram Village, Patancheru Mandal, Medak District, Hyderabad 502329, India,  
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- 28.- Transfer Function Selection for Network Realization** 307 - 312
- G.JOGINADHAM H.A.MANGALVEDEKAR*
- VJTI-Siemens-AICTE High Voltage Laboratory, Department of Electrical Engineering,  
V. J. Tech. Institute, Matunga, Mumbai- 400 019, India.  
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- 29.- An Analytical Estimation Of Additional Losses In Generator Transformer Due To Core Circulating Current** 313 - 318
- E.RAMASWAMY\*, S.SARAVANAN, I.B.MAKWANA, V.S.JOSHI, A.VENKATASAMI*
- Transformer Division, Crompton Greaves Ltd, Mumbai-400042, India , [\\*pradeep.ramaswamy@cgl.co.in](mailto:*pradeep.ramaswamy@cgl.co.in)
- 30.- On Stray-Field Loss in Structural Parts of Power Transformers** 319 - 324
- Zhiguang CHENG<sup>1</sup>, Qifan HU<sup>1</sup>, Norio TAKAHASHI<sup>2</sup>, Shuo LIU<sup>3</sup>, Junjie ZHANG<sup>1</sup>, Lanrong LIU<sup>1</sup>, Yana FAN<sup>1</sup>, Jianmin WANG<sup>1</sup>, Yong DU<sup>1</sup>, and Xian ZHANG<sup>1</sup>*
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- 31.- Usage of Passive Industrial Frequency Magnetic-Field Shielding for Losses Mitigation: A Simulation Approach** 325 - 330
- Bogdan CRANGANU-CRETU<sup>1</sup>, Jasmin SMAJIC<sup>1</sup> and Giovanni TESTIN<sup>2</sup>*
- <sup>1</sup>ABB Switzerland AG, Corporate Research, Segelhofstrasse 1k, CH-5405 Baden 5 Daettwil, Switzerland  
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- 32.- Proposal of Laminated Core Loss Model** 331 - 338

*Zhiguang CHENG, Qifan HU, Cuiping JIAO,  
Junjie ZHANG, Jianmin WANG, Yong DU, Xian ZHANG, Yana FAN, and Lianrong LIU*

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**33.- HTS transformer with improved utilization of superconducting wire** 339 - 342

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**34.- A Novel Method for Detection of Winding Deformations Using Terminal Measurements** 343 - 348

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**CV-Key Speakers** 350 - 358