

REZULTATE SI MODALITĂȚI DE VALORIFICARE A CERCETĂRII ÎN CC MEE
Granturi, lucrări, publicații

Nr. crt.	TEME, GRANTURI ȘI PUBLICAȚII
1.	<p>Cercetări teoretice și aplicative privind studiul și îmbunătățirea performanțelor sistemelor electroenergetice. Rețele electrice inteligente Coordonator: Conf. dr. ing. Dorin BICĂ</p>
	<p>NovaStemDesign tools, enabling technologies and underpinning research to facilitate ocean energy converter arrays, FP7 - Topic ENERGY.2013.2.6.1, University of Huddersfield UK</p>
	<p>Damian Claudiu, Tarnovan Radu, Bica Dorin, Osan Marian, Solutions for Updating for SCADA Sytems realised in Different Time Stages and on Different Programme Platform, Proceedings of the 5 International Conference on Modern Power Systems MPS, Cluj Napoca, 2013, ISBN 1841-3323</p>
	<p>Dulau Lucian, Abrudean Mihail, Bica Dorin, Future of power systems: smart grids and distributed generation, CIEM 2013, iSNB 2286 – 3540</p>
	<p>Cristian-Dragoș Dumitru, Adrian Gligor, Designing of a Renewable Energy Training Programme for Engineering Education, Procedia Technology PROTCY 2013, ISBN 2212-0173</p>
	<p>Dulau Mircea, Bica Dorin, Mathematical modelling and simulation of the behaviour of the steam turbine, Procedia Technology PROTCY 1323, 2013, ISBN 2212-0173</p>
	<p>Dulau Mircea, Bica Dorin, Simulation of speed steam turbine control system, Procedia Technology PROTCY 1323, 2013, ISBN 2212-0173</p>
	<p>Dumitru Cristian, Gligor Adrian, Designing of a Renewable Energy Training Programme for Engineering Education, Procedia Technology, 2013, ISBN 2212-0173</p>
	<p>D. Bică, C.Dumitru, A.Gligor, A.Duka, Isolated hybrid solar-wind-hydro renewable energy systems, Editura In-tech</p>
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	Dumitru, C.D., Gligor, A., Turc, T. Scada Application for Solar Energy Conversion Efficiency Used in Water Heating Application, in Proceedings of the 6th International Conference on Interdisciplinarity in Engineering INTER-ENG 2012, Volume 1, 4-6 octombrie, Tîrgu Mureş, România, pp. 288-292, ISSN 2285 – 0945
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	Turc T., Dulău M., Gas compression stations remote monitoring and control, Proceedings of the scientific conference with international participation Inter-Ing 2005, nov. 2005, Editura Universităţii “Petru Maior” Tg.Mureş, ISBN 973-7794-41-9, pag. 509-512
	Soluții și tehnologii pentru promovarea rețelelor electrice inteligente, PN-II-ID-WE-2012-4-044, UEFISCDI
	Soluții și tehnologii pentru promovarea rețelelor electrice inteligente, 11-12 oct. 2012
	Dorin SARCHIZ , Reliability Centered Maintenance Optimization of Renewable Energy Systems
	Dragoş MOLDOVAN , ABB Industries LLC, Dubai, UAE , Engineering, Design, Solutions and Management in Large Projects of Grid Development
	Dorin BICĂ, Universitatea “Petru Maior” din Tîrgu Mureş, Integration of Smart and Virtual Energy Sources
	Liviu MOLDOVAN Universitatea “Petru Maior” din Tîrgu Mureş, Best practices in ICT and Video Conferences Technologies and Infrastructure in promotion of Smart Grid Education
	HALLER Piroška, Universitatea “Petru Maior” din Tîrgu Mureş, Communication Protocols and Systems for a Secure Grids
	Ovidiu GEORGESCU, Electrica SA , From Manual Meter Reading to Smart Metering Technologies – Costs and Benefits
	Eremia M., Toma L., Bică D., Economic operation of distributed energy resources in a microgrid, Powertech 2013, Grenoble
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	Bică D. , Modern Information Systems for SmartGrids Applications, Scientific Buletin of „Petru Maior” University, Tg. Mureș 2012
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<p>Oltean Stelian-Emilian, Duka Adrian-Vasile, Balance control system using microcontrollers for a rotational inverted pendulum, Procedia Technology PROTCY1219, 2013, 2212-0173</p>
<p>Sarchiz D., Bică D., Gligor A. – Sistem automat distribuit pentru minimizarea pierderilor de putere activă produse de puterile reactive în sistemele electroenergetice industriale. Revista SOCER „Metode, instalații și echipamente pentru măsurarea, gestiunea și conservarea energiei”</p>
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3.	Utilizarea instrumentatiei virtuale. Sistem de de achizitie MyDAQ pentru aplicatii in energetica Coordonator: Șef lucr. dr. ing. Traian TURC
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