

## LIST OF PAPERS AND RESEARCH PROJECTS

NEMEȘ M. Ciprian-Mircea

### 1. Books

Ca	Ca1	<b>Ciprian Nemeș</b> , Florin Munteanu, <i>Producerea și distribuția energiei electrice. Partea I – Producerea energiei electrice</i> , Editura Politehniun Iași, ISBN: 978-973-621-318-2, 225 pg., 2011.
	Ca2	Florin Munteanu, <b>Ciprian Nemeș</b> , <i>Fenomenul de scurtcircuit ... de la teorie la practică</i> , Editura Politehniun Iași, ISBN: 978-973-621-302-1, 284 pg., 2010.
	Ca3	Florin Munteanu, Dumitru Ivas, <b>Ciprian Nemeș</b> , <i>Centrale electrice - partea electrică - vol I. Analiza fenomenului de scurtcircuit</i> , Editura Setis Iași, ISBN 973-86764-6-0, 341 pg., 2005.
I	I1	<b>Ciprian Nemeș</b> , <i>Metode și tehnici de evaluare a fiabilității - aplicații în energetică</i> , Editura PIM Iași, ISBN 978-606-13-5347-7, 156 pg., 2019;
	I2	<b>Ciprian Nemeș</b> , Florin Munteanu, Monica Atudori, <i>Stații electrice - îndrumar de proiectare</i> , Editura Politehniun Iași, ISBN: 978-973-621-419-6, 230 pg., 2013.
	I3	Florin Munteanu, Dumitru Ivas, <b>Ciprian Nemeș</b> , <i>Proiectarea și analiza asistată de calculator a instalațiilor de alimentare cu energie electrică. Seria Energie – Mediu</i> , Editura AGIR București, ISBN 973-8130-44-1, 140 pg., 2001.
Cb	Cb1	<b>Ciprian Nemeș</b> , Florin Munteanu, <i>Adecvabilitatea sistemelor de producere a energiei electrice</i> , Editura Politehniun Iași, ISBN 978-973-621-480-6, 208 pg., 2018.
	Cb2	<b>Ciprian Nemeș</b> , Florin Munteanu, Dumitru Ivas, <i>Tehnici moderne de analiză a disponibilității elementelor și sistemelor</i> , Editura Politehniun Iași, ISBN: 978-973-621-240-6, 264 pg., 2008.
	Cb3	Florin Munteanu, Maricel Adam, Dumitru Ivas, <b>Ciprian Nemeș</b> , <i>Aparate și comutări inteligente în sistemele electroenergetice</i> , Casa de editură Venus Iași, ISBN 973-756-025-6, 317pg,2006.
	Cb4	Dumitru Ivas, Florin Munteanu, Mugurel Rotariu, Eugeniu Voinea, <b>Ciprian Nemeș</b> , <i>Ingineria fiabilității sistemelor complexe</i> , Editura Perfect București, ISBN 973-85069-3-X, 320 pg., 2001.
	Cb5	Florin Munteanu, Dumitru Ivas, <b>Ciprian Nemeș</b> , <i>Ingineria disponibilității subsistemelor de distribuție a energiei electrice</i> , Editura Spectrum Iași, ISBN 973-98335-3-5, 254 pg., 1999.
	Cb6	<b>Ciprian Nemeș</b> , Dumitru Ivas, Florin Munteanu, <b>cap. Metode de determinare a fiabilității având la bază raportul solicitare–rezistență, cap. Calculul probabilității de defect în cazul solicitărilor multiple dependente</b> , Capitole în volumul Sisteme expert de asigurare a calității totale în industria de materiale și echipamente electrotehnice, Seria QUALINDSER, ISBN 973-8292-29-8, pp. 50-59, pp. 59-69, 20 pg., 2002.

**2. International and National Journals (R),  
Proceedings of the International and National Conferences (V)**

R1	<b>Ciprian Nemeş</b> , <i>A clear sky irradiation assessment using the European Solar Radiation Atlas model and Shuttle Radar Topography Mission database: A case study for Romanian territory</i> , J. Renewable Sustainable Energy, vol. 5, is. 4, no. 041807, Impact Factor 2013: 1.51, 12 pg., <b>2013</b> . DOI: 10.1063/1.4813001, <a href="#">WOS:000323945600008</a>
R2	<b>Ciprian Nemeş</b> , Marcel Istrate, <i>A Clear Sky Irradiation Assessment Using The Esra Model And SRTM Database</i> , Environmental Engineering And Management Journal , vol. 12, iss. 6, ISSN: 1582-9596, Impact Factor: 1.258, pp.: 1271-1279, 2013, <a href="#">WOS:000325632500021</a>
R3	<b>Ciprian Nemeş</b> , Marcel Istrate, <i>Statistical Analysis of Wind Turbine's Output Power</i> , Electronics and Electrical Engineering Journal, no. 4 (120) 2012, print ISSN: 1392-1215, online ISSN: 2029-5731, Impact Factor 2012: 0.411, pp. 31-34, 4 pg., <b>2012</b> . DOI: 10.5755/j01.eee.120.4.1447, <a href="#">WOS:000303226800006</a>
R4	<b>Ciprian Nemeş</b> , Florin Munteanu, <i>Potential Solar Irradiance Assessment based on a Digital Elevation Model</i> , Advances in Electrical and Computer Engineering, vol. 11, no. 4, ISSN: 1582-7445, e-ISSN: 1844-7600, Impact Factor 2011: 0.555, pp. 89-92, 4 pg., <b>2011</b> . DOI: 10.4316/AECE.2011.04014, <a href="#">WOS:000297764500014</a>
R5	<b>Ciprian Nemeş</b> , Florin Munteanu. <i>A Probabilistic Model for Power Generation Adequacy Evaluation</i> . Revue Roumaine des Sciences Techniques - Rev. Roum. Sci. Techn.– Électrotechn. et Énerg., 56, 1/2011, Bucharest, ISSN: 0035-4066, Impact Factor 2011: 0.136, pp. 36–46, 11 pg., <b>2011</b> , <a href="#">WOS:000289219900004</a>
R6	<b>Ciprian Nemeş</b> , Florin Munteanu, <i>Development of Reliability Model for Wind Farm Power Generation</i> , Advances in Electrical and Computer Engineering, vol. 10, no. 2, ISSN 1582-7445, e-ISSN 1844-7600, Impact Factor 2010: 0.688, pp. 24-29, 6 pg., <b>2010</b> . DOI: 10.4316/AECE.2010.02004, <a href="#">WOS:000280312600004</a>

R7	Alexandra Ciobanu, Florin Munteanu, <b>Ciprian Nemeş</b> , Adochiței M., <i>Dynamic Bayesian network for weather forecast and evaluation of renewable resources availability</i> , Journal of Sustainable Energy, vol. 9, no. 2, ISSN 2067-5534, pp.58-63, June <b>2018</b> .
R8	<b>Ciprian Nemeş</b> , Florin Munteanu F., Astanei D., <i>Analysis of grid-connected photovoltaic system integration on low-voltage distribution network</i> . 22 <sup>th</sup> Conference of Energy Engineering, CIE 2016, 02-04 June 2016, Oradea. Published in Journal of Sustainable Energy ISSN 2067-5534, vol. 7, no. 1, pp.9-14, March <b>2016</b> .
R9	Alexandra Ciobanu, Florin Munteanu, <b>Ciprian Nemeş</b> , Dragoş Astanei, <i>Availability Evaluation of Nodal Architectures using Bayesian Networks</i> , Buletinul Institutului Politehnic din Iaşi Bulletin of the Polytechnic Institute of Iaşi, ISSN 1223-8139, Vol. 62 (66), no. 3 <b>2016</b> , pp 31-40.
R10	Sorina Costinas, <b>Ciprian Nemes</b> , <i>Current maintenance using geographical information system, part of the global smart-grid technology solution</i> , Buletinul Institutului Politehnic din Iaşi, Tomul LX (LXIV), Fasc.1, pp. 103-110, <b>2014</b> .
R11	<b>Ciprian Nemeş</b> , Florin Munteanu, <i>Operational parameters evaluation for optimal wind energy systems development</i> , Published in U.P.B. Sci. Bulletin, Series C, vol. 74, iss. 1, ISSN 1454-234x, pp. 223-230, 8 pg., 2012.
R12	Florin Munteanu, <b>Ciprian Nemeş</b> , <i>Belief networks utilization for nodal power quality and availability assessment</i> , Published in U.P.B. Sci. Bulletin, Series C, vol. 74, iss. 1, ISSN 1454-234x, pp. 215-222, 8 pg., 2012.
R13	Giuseppe Marco Tina, Gilles Notton, <b>Ciprian Nemeş</b> , <i>Time frame measurements impact on probabilistic behaviour of photovoltaic systems</i> , Paper published in Bulletin AGIR - B+ , XVII, nr. 2, April-June 2012, ISSN-L 1224-7928, ISSN-online 2247-3548. pp. 1-9, 9 pg., 2012.

R14	<b>Ciprian Nemeş</b> , Florin Munteanu, <i>The Wind Energy System Performance Overview: Capacity Factor vs. Technical Efficiency</i> , International Journal of Mathematical Models and Methods in Applied Sciences, North Atlantic University Union, iss. 1, vol. 5, ISSN: 1998-0140, pp. 159-166, 8 pg., 2011.
R15	<b>Ciprian Nemeş</b> , <i>A comparative analysis of wind speed distribution evaluation</i> . Bulletin of the Polytechnic Institute of Iaşi, tom LVII (LXI), fasc.2, ISSN 1223-8139, pp. 145-151, 7 pg., 2011.
R16	<b>Ciprian Nemeş</b> , Marcel Istrate, <i>Overview of Optimal Wind Turbine Selecting</i> , Proceedings of the 4 <sup>th</sup> International Conference on Modern Power Systems – MPS 2011 Cluj-Napoca, Published in Acta Electrotehnica, vol. 52, no. 5, ISSN 1841-3323, pp.323-326, 4 pg., 2011.
R17	<b>Ciprian Nemeş</b> , Nicu Costandache, Florin Munteanu, <i>Probabilistic approach of generation system considering the power station reliability</i> , Proceedings of the 4 <sup>th</sup> International Conference on Modern Power Systems – MPS 2011 Cluj-Napoca, Published in Acta Electrotehnica, vol 52, no. 5, ISSN 1841-3323, 2011, pp. 327-330, 4 pg., 2011.
R18	Florin Munteanu, <b>Ciprian Nemeş</b> , <i>Fast Method for accutare faul type detection in high voltage networks</i> . Bulletin of the Polytechnic Institute of Iaşi, tom LVI(LX), fasc.2, ISSN 1223-8139, pp. 89-96, 8 pg., 2010.
R19	<b>Ciprian Nemeş</b> , Florin Munteanu, Mbuyamba Tshibanda, <i>Reliability evaluations of Power Systems including Wind Power Generation</i> . Bulletin of the Polytechnic Institute of Iaşi, tom LVI(LX), fasc.2, ISSN 1223-8139, pp. 97-106, 10 pg., 2010.
R20	Florin Munteanu, <b>Ciprian Nemeş</b> , <i>Real efficiency of intelligent switching of high voltage circuit-breakers</i> , Published in U.P.B. Sci. Bulletin, Series C, vol. 72. iss.1, ISSN1454-234x, pp. 173-182, 10 pg., 2010.
R21	<b>Ciprian Nemeş</b> , Florin Munteanu, <i>Probabilistic method for circuit breaker maintenance planning</i> , Revista Electrotehnica, Electronica, Automatica, no. 4, vol. 58, ISSN 1582-5175, pp. 69-73, 2010.
R22	<b>Ciprian Nemeş</b> , Florin Munteanu, <i>A Wind Power Generation Model for Reliability Evaluation</i> , Revista Electrotehnica, Electronica, Automatica, no. 1, vol. 58, ISSN 1582-5175, pp. 31-36, 2010.
R23	Irina Ciornei, <b>Ciprian Nemeş</b> , Elias Kyriakides, <i>The future hybrid renewable power system and its generation dispatch</i> , Revista Energetica, no. 6, vol. 58, iunie 2010, ISSN 1453-2360, pp. 262-268, 6 pg., 2010.
R24	Florin Munteanu, <b>Ciprian Nemeş</b> , <i>Reliability optimization of the power system nodes considering the switching components</i> , Published in Annals of the University of Craiova, Electrical and Engineering Series, no. 34, ISSN:1842-4805, pp. 196-199, 4 pg., 2010.
R25	Florin Munteanu, <b>Ciprian Nemeş</b> , <i>The high voltage circuit-breaker of intelligent switching. A theoretical background</i> . Revista Electrotehnica, Electronica, Automatica, no.1, vol 57, ISSN 1582-5175, pp. 26-30, 5 pg., 2009.
R26	<b>Ciprian Nemeş</b> , <i>A probabilistic model for circuit breaker adequability</i> , Bulletin of the Polytechnic Institute of Iaşi, tom LV (LIX), fasc.1, ISSN 1223-8139, pp. 109-116, 8 pg., 2009.
R27	<b>Ciprian Nemeş</b> , Florin Munteanu, <i>Probabilistic approach of the generated power of a wind turbine</i> . Bulletin of the Polytechnic Institute of Iaşi, tom LV (LIX), fasc. 3, ISSN 1223-8139, pp. 123-130. 8 pg., 2009.
R28	<b>Ciprian Nemeş</b> , Florin Munteanu, <i>Optimization of the circuit breaker maintenance using the distribution of the disconnecting number</i> , Published in Annals of the University of Craiova, Electrical and Engineering Series, no. 32, ISSN 1842-4805, pp. 146-149, 4 pg., 2008.
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R33 Florin Munteanu, **Ciprian Nemeş**, Dumitru Ivas, *Comutarea inteligentă – o nouă tehnologie în electroenergetică*, Rev. Energetica no.8, vol. 56, august 2008, ISSN 1453-2360, pp. 310-315, 6 pg., 2008.

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R35 **Ciprian Nemeş**, Florin Munteanu, Dragoş Astanei, *Annual energy harvest of LACARP photovoltaic system*, 6<sup>th</sup> International Conference on Modern Power Systems MPS2015, 18-21 May 2015, Cluj-Napoca, Romania, Published in Acta Electrotehnica, vol. 2015, nr. 3, pp. 213-219, **2015**

R36 **Ciprian Nemeş**, *Statistical Analysis of Wind Speed Profile. A case study from Iasi region, Romania*, International Journal of Energy Engineering (IJEE), vol.3, no.6, ISSN: 2225-6563, pp. 261-268, 8 pg., 2013.

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R39 **Ciprian Nemeş**, *The dynamic relations inside the stress-strength vector a models for the reliability prediction*, Published in Annals of the University of Craiova, Electrical and Engineering Series, no. 31, 2007, vol.I, ISSN 1842-4805, pp. 405-408, 4 pg., 2007.

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R53 Dumitru Ivas, Munteanu, **Ciprian Nemeş**, *Contribuții la modelarea fiabilității sistemelor cu structură dinamică cu aplicații la schemele cu întrerupătoare*, Rev. Energetica, anul 48, nr. 2, ISSN 1220-5133, pp. 76-80, 5 pg., 2000.

R54 Dumitru Ivas, Mugurel Rotariu, Florin Munteanu, **Ciprian Nemeş**, *A optimization criterions for the distribution networks selectivity*, Bulletin of the Polytechnic Institute of Iaşi, tom XLV (IL), fasc. 5C, ISSN 0258-9109, pp. 94-98, 5 pg., 1999.

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V1 Cosmin Tiganasu, **Ciprian Nemes**, Florin Munteanu, Daniel Muneanu, Cezar Scinteie, *The load management concept applied on the residential sector*, 12th International Conference on Electromechanical and Energy Systems (SIELMEN 2019), October 9-11, **2019**, Chişinău, Republic of Moldova, DOI:10.1109/SIELMEN.2019.8905817

V2 **Nemes Ciprian**, Baiceanu Florin, Tiganasu Cosmin, *Assessment of Photovoltaic Modules' Parameters Using the On-Site Measurements*, 8th International Conference on Modern Power Systems (MPS), 21-23 May **2019**, Cluj-Napoca, Romania. DOI: 10.1109/MPS.2019.8759777.

V3 Cosmin Mihălcea, Florin Munteanu, **C.Nemes**, Florin Baiceanu, *Lifetime Availability Analysis of High Voltage Circuit Breakers for Maintenance Optimization*, 8th International Conference on Modern Power Systems (MPS), 21-23 May **2019**, Cluj-Napoca, Romania. DOI: 10.1109/MPS.2019.8759677

V4 Florin Baiceanu, Florin Munteanu, **Ciprian Nemes**, *Influence of Multi-Pulse Rectifier on Power Quality in an Industrial Environment*, 8th International Conference on Modern Power Systems (MPS), 21-23 May **2019**, Cluj-Napoca, Romania. DOI: 10.1109/MPS.2019.8759775

V5 **Ciprian Nemes**, Florin Munteanu, *An IoT Load Management System for Residential Photovoltaic Prosumers*, International Conference and Exposition on Electrical Power Engineering, 18-19 October **2018**, Iasi, Romania, pp. 37 – 41, DOI: 10.1109/ICEPE.2018.8559854, WOS:000458752200007

V6 Florin Munteanu, Alexandra Ciobanu, **Ciprian Nemes**, *A Bayesian Approach of the Availability Complementarity of Renewable Resources*, International Conference and Exposition on Electrical Power Engineering, 18-19 October **2018**, Iasi, Romania, pp. 0731 – 0736, DOI: 10.1109/ICEPE.2018.8559738, WOS:000458752200143

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V11	Dragos Astanei, Florin Munteanu, <b>Ciprian Nemeş</b> , A. Ciobanu; M. Ionescu; M. Adochitei, <i>Light flicker detection using high-speed imaging</i> , 7 <sup>th</sup> International Conference on Modern Power Systems (MPS), 6-9 June <b>2017</b> , Cluj-Napoca, Romania, DOI:10.1109/MPS.2017.7974448 , <a href="#">WOS:000428462600076</a>
V12	<b>Ciprian Nemeş</b> ; Florin Munteanu; Dragos Astanei; Alexandra Ciobanu; Mihaela Adochitei; Mihaela Larion, <i>A correlation between photovoltaic system production and local solar resources</i> , 14 <sup>th</sup> International Conference on Engineering of Modern Electric Systems (EMES 2017), 1-2 June <b>2017</b> , Oradea, Romania, pp. 47-50, DOI: 10.1109/EMES.2017.7980378, <a href="#">WOS:000427085200011</a>
V13	Alexandra Ciobanu, Florin Munteanu, <b>Ciprian Nemeş</b> , Dragos Astanei, <i>Data - driven Bayesian networks for reliability of supply from renewable sources</i> , 2017 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM) & 2017 Intl Aegean Conference on Electrical Machines and Power Electronics (ACEMP), 25-27 May <b>2017</b> , Brasov, Romania, pp. 84-89, DOI: 10.1109/OPTIM.2017.7974952, <a href="#">WOS:000426909600012</a>
V14	<b>Ciprian Nemeş</b> , Florin Munteanu, Dragos Astanei, Mihaela Larion, Mihaela Adochitei, <i>Voltage dips analysis for grid connections of dispatchable photovoltaic systems</i> , 2017 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM) & 2017 Intl Aegean Conference on Electrical Machines and Power Electronics (ACEMP), 25-27 May <b>2017</b> , Brasov, Romania, pp. 783-788, DOI: 10.1109/OPTIM.2017.7975064 , <a href="#">WOS:000426909600120</a>
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V88	Dumitru Ivas, Florin Munteanu, <b>Ciprian Nemeş</b> , <i>Criterii sistemice de eficienţă energetică</i> , Simpozionul Internaţional de Eficienţă Energetică, Cluj-Napoca, 12-14 Octombrie, 1999.
V89	Dumitru Ivas, Florin Munteanu, <b>Ciprian Nemeş</b> , <i>Energia electrică, Marfă sau serviciu? Criterii sistemice de apreciere a calităţii energiei electrice</i> , Al III-lea Simpozion “Calitatea Energiei Electrice”, Targovişte, 8-9 decembrie 1999, pp. 100-104, 5 pg., 1999.
V90	Dumitru Ivas, Florin Munteanu, <b>Ciprian Nemeş</b> , <i>Indices to Evaluate the Network Nodes Structure</i> , Proceedings of the Third International Power System Conference, november 18-20,1999, Timişoara, România, published in Bulletin of Politehnica University, vol. III, tom 44(58), fasc. 2, ISSN 1224-6034. pp. 80-84, 5 pg., 1999.
V91	Florin Munteanu, Dumitru Ivas, <b>Ciprian Nemeş</b> , Tudor Mocanu, <i>A combined criterion for electricity distribution networks restructuring</i> , Proceedings of the Third International Power System Conference, november 18-20,1999, Timişoara, România, published in Bulletin of Politehnica University, vol. III, tom 44(58), fasc. 2, ISSN 1224-6034. pp. 85-90, 6 pg., 1999.

### 3. Patents

<b>Patent</b>
<p>Patent no. A00161/08.03.2018, / 133689 (A2) in RO-BOPI 10/2019 from 30/10/2019.  <i>Metodă pentru managementul receptoarelor consumatorilor rezidențiali alimentați din surse fotovoltaice proprii.</i> Authors: Ciprian Nemes, Florin Munteanu.</p>

### 4. Research projects awarded through competition (Grants) and research project with industrial companies

	<p>Research projects as project manager</p>
	<p><b>P1</b>  <i>Sistem de majorare a indicatorilor de autoconsum din surse fotovoltaice, folosind conversia si stocarea sub forma de energie termica</i>            Proiect tip PN-III-P3-3.1-PM-RO-CN-2018-0093 / 02.07.2018-31.12.2019. Valoare 49.500 ron.            Director proiect: <b>Ciprian Nemeș</b></p>
	<p><b>P2</b>  <i>Sistem inteligent pentru managementul sarcinii consumatorilor rezidențiali alimentați din surse fotovoltaice,</i>            Proiect tip PN-III-P2-2.1-CI-2017-0823 nr. 145 CI / 10.10.2017-11.04.2018. Valoare 44.990 ron.            Director proiect: <b>Ciprian Nemeș</b></p>
	<p><b>P3</b>  <i>Utilizarea modelelor analitice si a tehnicilor de inteligenta artificiala in optimizarea indicatorilor de fiabilitate a echipamentelor electroenergetice, prin monitorizarea solicitărilor</i>            CNCISIC-AT/2007-2008, Cod CNCISIS – 29, Contract nr. : 33 GR /23.05.2007, 77 GR /11.06.2008.            Valoare: 17000/2007; 18000/2008            Director proiect: <b>Ciprian Nemeș</b></p>
	<p>Research projects as member in research team</p>
P	<p><b>P4</b>  <i>Tehnologie de fabricare a filmelor conductive anizotropice nanostructurate cu arhitectură adaptabilă sub acțiunea câmpului electromagnetic, pentru aplicații electronice și biomedicale</i>            Proiect PNIII - ERANET, COFUND-MANUNET, nr. 18/2018-2020, (AniConFilm)            Director proiect: Olariu Marius, Membru: Ciprian Nemeș</p>
	<p><b>P5</b>  <i>Zone urbane bioclimatice inteligente cu emisii reduse de carbon ca insule inovatoare energetic într-un oraș durabil</i>            Proiect internațional - ERA NET Cofund-83/2016-2017 (SMART URBAN ISLE).            Director proiect: Romeo Ciobanu, Membru: Ciprian Nemeș</p>
	<p><b>P6</b>  <i>Construire platformă de cercetare pentru integrarea resurselor regenerabile în instalații autonome-COPRESA</i>            Proiect finanțat prin programul operațional sectorial creșterea competitivității economice, axa prioritară 2 – Competitivitate prin CDI, operațiunea 2.3.2: Dezvoltarea infrastructurii de C-D a întreprinderilor, cu crearea de noi locuri de munca pentru C-D.            Proiect nr. 608/10.12.2013 coordonat de S.C. DAS S.R.L. Iași.            Valoarea totală de 6.126.355,31 RON, din care asistența financiară nerambursabilă este de 2.443.129 RON.            Membru UTI: <b>Ciprian Nemeș</b></p>
	<p><b>P7</b>  <i>Cercetări privind integrarea surselor regenerabile de energie: studii în direcția dezvoltării serviciului de alimentare cu energie electrică. Domeniul de cercetare: Mediu-dezvoltare durabilă</i>            Proiect: Performanță prin postdoctorat pentru integrarea în aria europeană de cercetare,            PERFORM-ERA, ID – 57649, 2010 - 2013, POSDRU/89/1.5/S/57649            Proiect finanțat prin Programul Operațional Sectorial pentru Dezvoltarea Resurselor Umane 2007 – 2013.            Buget total proiect: 20.813.320 RON, din care finanțare nerambursabilă 20.016.735 RON.            Proiect coordonat de Prorectoratul Științific al Universității Tehnice "Gheorghe Asachi" din Iași.            Membru / cercetător post-doc: <b>Ciprian Nemeș</b></p>

<p><b>P8</b>  <i>Aparate si comutari inteligente in sistemele electroenergetice</i>          Proiect CEEX - MENER nr. 607/2005-2007          Valoare: 48936.21/2005; 168000/2006; 50000/2007          Director proiect: Florin Munteanu          Membru: <b>Ciprian Nemeş</b></p>
<p><b>P9</b>  <i>Dezvoltarea parteneriatelor C/D in vederea promovării unor proiecte europene în domeniul sistemelor distribuite de monitorizare a mediului</i>          CEEX Modul 3, contract 201/2006, 2006 – 2008          Director proiect: Marinel Temneanu          Membru: <b>Ciprian Nemeş</b>.</p>

<p>Research project with industrial companies</p>
<p><b>P10</b>  <i>Analiza și implementarea soluțiilor tehnice în vederea creșterii eficienței energetice în instalația electrică de utilizare a SC Evel-H Company SRL</i>          Contract nr. 15538/8.07.2019-15.06.2020          Beneficiar: SC Evel-H Company SRL.          Responsabil temă: <b>Ciprian Nemeş</b></p>
<p><b>P11</b>  <i>Analiza și implementarea soluțiilor tehnice în vederea compensării consumului de putere reactivă.</i>          Contract agenți economici: 26156P/23.11.2018;          Beneficiar: SC Dalex Impex SRL Bârlad.          Responsabil temă: <b>Ciprian Nemeş</b></p>
<p><b>P12</b>  <i>Analiza regimurilor tranzitorii care afectează buna funcționare a automaticii de tip AAR din cadrul ArcelorMittal Galați și soluții de rezolvare”</i>          Contract nr. 23129 / 25.10.2018 – 15.11.2019          Beneficiar: SC Arcelor Mittal Galati.          Responsabil temă: Florin Munteanu, Membru: <b>Ciprian Nemeş</b></p>
<p><b>P13</b>  <i>Cercetari privind dezvoltarea unui sistem pentru monitorizarea si optimizarea indicatorilor de autoconsum din surse distribuite</i>          Contract nr. 16052P\07.09.2017 - 15.10.2018          Beneficiar: SC DAS SRL Iasi.          Responsabil temă: <b>Ciprian Nemes</b>, Membru: F. Munteanu</p>
<p><b>P14</b>  <i>Cercetari experimentale privind calitatea energiei electrice si solutii de ameliorare in cadrul Arcelor Mittal Galati</i>          Contract nr. 141P\26.01.2017          Beneficiar: SC Arcelor Mittal Galati.          Responsabil temă: F. Munteanu, Membru: <b>Ciprian Nemes</b></p>
<p><b>P15</b>  <i>Masuratori privind calitatea energiei electrice si solutii de ameliorare in cadrul Arcelor Mittal Galati</i>          Contract nr. 2016P\15.12.2015 - 19.09.2016          Beneficiar: SC Arcelor Mittal Galati.          Responsabil temă: F. Munteanu, Membru: <b>Ciprian Nemes</b></p>
<p><b>P16</b>  <i>Estimarea productiei de energie electrica si dimensionarea parcului fotovoltaic de 132,6 kWp - Letcani</i>          Contract nr. 3872P / 04.03.2013          Beneficiar: SC Consult Finance SRL Iasi.          Responsabil temă: <b>Ciprian Nemes</b>, Membru: F. Munteanu</p>

<p><b>P17</b>  <i>Cercetări experimentale privind proiectarea, functionarea si exploatarea panourilor fotovoltaice si optimizarea sistemelor inteligente de orientare biaxială.</i>  Contract nr. 2274P / 17.12.2012 - 15.06.2014  Beneficiar: SC DAS SRL Iasi.  Responsabil tema: F. Munteanu, Membru: <b>Ciprian Nemes</b></p>
<p><b>P18</b>  <i>Evaluarea prin calcul a câmpurilor electrice și magnetice de 50Hz în zona traversărilor variantei de ocolire a mun. Iași, de către LEA 220 kV Gutinaș-Munteni-FAI</i>  Contract nr. 2874P / 31.08.2011  Beneficiar: SC Electromontaj SA, Sucursala Iași.  Responsabil temă: <b>Ciprian Nemes</b></p>
<p><b>P19</b>  <i>Substațiile de tracțiune la Regionala CFR Iași și siguranța circulației pe căile ferate</i>  Contract nr. 7680P/2007  Beneficiar: E-on Energie Iasi.  Responsabil temă F. Munteanu, Membru: <b>Ciprian Nemes</b></p>
<p><b>P20</b>  <i>Studiul și determinarea prin calcul a tensiunilor induse în LEA 220-400 kV din gestiunea ST. Bacău, în condiții speciale de paralelism, în vederea respectării valorilor limită admise</i>  Contract nr. 3274P/17.10.2005  Beneficiar: C.N. Transelectrica S.A. Sucursala de Transport Bacău.  Responsabil temă: Prof.dr. ing. Dumitru Ivas, Membru: <b>Ciprian Nemes</b></p>
<p><b>P21</b>  <i>Măsurarea tensiunii de atingere și de pas la stația 110/20/6 kV Comănești</i>  Contract nr. 321P/13.02.2004  Beneficiar: S.C. ELCO SA Botosani.  Responsabil temă: <b>Ciprian Nemes</b></p>
<p><b>P22</b>  <i>Instrumente matematice de modelare a comportării construcțiilor hidrotehnice bazate pe metoda seriilor de timp</i>  Contract nr. 1910P/23.09.2004  Beneficiar: Universitatea Tehnică Cluj Napoca.  Responsabil temă: <b>Ciprian Nemes</b></p>
<p><b>P23</b>  <i>Modelarea fiabilității sistemelor cu structură dinamică aplicată sistemelor de transport al energiei electrice</i>  Contract nr. 1579P/24.07.2004  Beneficiar: C.N. Transelectrica S.A. Sucursala de Transport Bacău.  Responsabil temă: <b>Ciprian Nemes</b></p>
<p><b>P24</b>  <i>Verificarea SUUCE pentru optimizarea exploatarei și dezvoltării instalațiilor la SH Rm. Vâlcea</i>  Contract nr. 894P/2001-2002  Beneficiar: SH Râmnicu Vâlcea.  Responsabil temă: Prof.dr. ing. Dumitru Ivas, Membru: <b>Ciprian Nemes</b></p>
<p><b>P25</b>  <i>Criterii, metode și instrumente de decizie în dezvoltarea și exploatarea rețelelor de transport în condițiile create de reforma sectorului energetic</i>  Contract nr. 1135P/2001  Beneficiar: C.N. Transelectrica S.A. Sucursala de Transport Bacău.  Responsabil temă: Prof.dr. ing. Dumitru Ivas, Membru: <b>Ciprian Nemes</b></p>
<p><b>P26</b>  <i>Optimizarea structurii rețelelor de MT ale SDEE Bacău pe baza analizei combinate CPT-fiabilitate</i>  Contract nr. 1262/1999  Beneficiar: CONEL Bacău.  Responsabil temă: Prof.dr. ing. F. Munteanu, Membru: <b>Ciprian Nemes</b></p>

<b>P27</b>	<p><i>Principii tehnice și economice moderne în exploatarea sistemelor de alimentare cu energie electrică</i>  Contract nr. 1263/1999  Beneficiar: CONEL Bacău.  Responsabil temă: Prof.dr. ing. Dumitru Ivas, Membru: <b>Ciprian Nemeș</b></p>
<b>P28</b>	<p><i>Evaluarea instrumentelor necesare pentru licitarea energiei electrice pe intervale</i>  Contract nr. 412P/1999  Beneficiar: CONEL Bacău.  Responsabil temă: Prof.dr. ing. Dumitru Ivas, Membru: <b>Ciprian Nemeș</b></p>
<b>P29</b>	<p><i>Analiza pierderilor este energie electrică în rețeaua de distribuție a SDEE Târgoviște</i>  Contract nr. 16709/1998  Beneficiar: SC Electrica SA.  Responsabil temă: Prof.dr. ing. Dumitru Ivas, Membru: <b>Ciprian Nemeș</b></p>

20.02.2020

Prof. Ciprian Mircea Nemeș