

PERSONAL INFORMATION

**Florin SANDU**

✉ [sandu@unitbv.ro](mailto:sandu@unitbv.ro)

POSITION  
IOSUD UTBV

PhD Coordinator  
Doctoral studies field: Electronics, Telecommunications and Informational Technologies  
Since 2010

EXPERTISE FIELD AND  
RESEARCH INTEREST AREAS

Digital signal processing,, data acquisition systems, virtual instrumentation,  
digital communications, intelligent networks

WORK EXPERIENCE

from Jan.1991 up-to-date

"Transilvania" University of Brasov - Romania / Electrical Engineering & Computer Science Faculty /  
Electronics & Computers Dept.  
Univ.Professor Dr.Eng.  
Teaching & Research in Applied Electronics & Telecom. Coordinator of Telecom studies. Coordinator  
of the cooperation with Telecom companies. PhD supervisor in Electronics and Telecommunications  
[Business or sector](#) Education & Research

Oct.1989 – Jan.1991

Computer Service Company I.I.R.U.C. - Bucharest  
Maintenance Engineer - Specialist in the service / overhaul of micro- and mini- computers  
[Business or sector](#) Computer Engineering

Oct.1988 – Sept.1989

"Transilvania" University of Brasov - Romania / Research and service group "Carl Zeiss"  
Research engineer - Specialist in the applications and service of spectro-photo-meters  
[Business or sector](#) Applied Research

Sept. 1984 – Sept. 1988

Aeronautical Enterprise - Ghimbav-Braşov  
Technologies and projects in the field of communication and navigation equipment on board  
helicopters  
[Business or sector](#) Technology & Design

EDUCATION AND TRAINING

Dates

1992-1998

Title of qualification awarded

Doctor in Engineering

Principal subjects/occupational  
skills covered

covered Data Acquisition & Processing

Name and type of organisation  
providing education and training

"Transilvania" University of Brasov, Romania

Dates

1979-1984

Title of qualification awarded

Diplomate Engineer in Electronics

Principal subjects/occupational  
skills covered

Applied Electronics & Telecommunications

Name and type of organisation  
providing education and training

Electronics & Telecommunications Faculty - "Politehnica" University - Bucharest, Romania

Dates

1974-1978

Title of qualification awarded

Bachelor

Principal subjects/occupational  
skills covered

Mathematics-Physics

Name and type of organisation  
providing education and training

National College "Dr.Ioan Mesota" Brasov, Romania

PERSONAL SKILLS

Mother tongue Romanian

Other languages:

| Self-assessment<br>European level (*) | Understanding |         | Speaking           |                   | Writing |
|---------------------------------------|---------------|---------|--------------------|-------------------|---------|
|                                       | Listening     | Reading | Spoken interaction | Spoken production |         |
| <b>English</b>                        | C1            | C1      | C1                 | C1                | C1      |
| <b>German</b>                         | B2            | B2      | B2                 | B2                | B2      |
| <b>French</b>                         | B1            | B1      | B1                 | B1                | B1      |

(\*) [Common European Framework of Reference for Languages](#)

Communication skills Replace with your communication skills. Specify in what context they were acquired. Example:  
 ▪ good communication skills gained through my experience as sales manager

ADDITIONAL INFORMATION

TECHNICAL COORDINATION / WORKGROUP MANAGEMENT OR PRINCIPAL INVESTIGATOR IN EUROPEAN PROJECTS: "TEMPUS" PROGRAM, S\_JEP 11518-96"POSEIDON", "LEONARDO DA VINCI" PROGRAM, RO/99/2/07267/PL/II.1.2B/FPI-"TECHREDIVIVA"; LEONARDO DA VINCI: „VIRTUAL ELECTRO-LAB" NR. RO/2001/PP-141024 ; "4WARD" - ARCHITECTURE AND DESIGN FOR THE FUTURE INTERNET – PROGRAM FP7-ICT-2007-1 ; MINERVA-"IDENTITY", "INDIVIDUALIZED LEARNING ENHANCED BY VIRTUAL REALITY" ; VET-TREND - TRANSNATIONAL NETWORK - LEONARDO DA VINCI -"VALORISATION OF AN EXPERIMENT-BASED TRAINING SYSTEM THROUGH A TRANSNATIONAL EDUCATIONAL NETWORK DEVELOPMENT", RO/06/B/F/NT175014

1999: DIPLOMA OF THE "HERIOTT-WATT" UNIVERSITY – EDINBURGH – SCOTLAND – U.K. – AS GRADUATE OF THE DISTANCE EDUCATION COURSE "LEARNING ABOUT OPEN LEARNING" AUTHOR OF 7 BOOKS (AND 2 CHAPTERS IN U.S.-PUBLISHED MONOGRAPHS), 9 UNIVERSITY HAND-BOOKS AND GUIDES, 106 PAPERS PUBLISHED IN SCIENTIFIC JOURNALS AND PROCEEDINGS OF INTERNATIONAL AND NATIONAL CONFERENCES.

ACADEMIC VISITS AT UNIVERSITIES IN U.K., GREECE, SPAIN, FRANCE, PORTUGAL, ITALY, GERMANY - IN THE FRAME OF "TEMPUS", "SOCRATES" AND "LEONARDO DA VINCI" PROGRAMS OF THE EUROPEAN UNION FOR RETRAINING/UPGRADING IN DATA ACQUISITION AND DIGITAL PROCESSING, COMPUTER-AIDED DESIGN IN ELECTRONICS, AUTOMATED MEASUREMENT AND VIRTUAL INSTRUMENTATION, MODERN EDUCATIONAL TECHNOLOGIES:

Expert of CNCISIS - National Council of Academic Scientific Research - participating at the analysis of projects in the competition for funding and at the inspection of research centers in the process of evaluation.

Expert of ARACIS - Romanian Agency for Quality Assessment in Academic Education - in the audit of Electronic & Telecom faculties

Professional societies membership:

IEEE Member of the Communications Society

Member of "IPIMEA" – Institute for Mechanical and Electrical Engineering of the Automotive – Brasov, Romania.  
 Member of „ACER” – Romanian Association for Electromagnetic Compatibility

PhD THESES COORDINATED (and confirmed by the Ministry of Education and Research)

"Solutions for Mobile Computing in Heterogenous Networks" - Titus-Constantin BĂLAN – 2011

"Contributions to the m-Business Controlul of Man-Machine Communications" - Alexandru Nicolae BALICA – 2014

"Service-oriented Integration of Reconfigurable Hardware Architectures" - Octavian Mihai MACHIDON – 2015

"Contributions to the Managementul of Software Defined Networks" - Cosmin COSTACHE – 2015

"Contributions to Service Development in the Internet of Things" – Sorin ZAMFIR – 2017

## HIRSCH INDICES

[Hindex ISI] = [3] ; [Hindex Scopus] = [5] ; [Hindex Google Scholar] = [8]

## ISI PAPERS (in the last 5 years)

## Record 1 of 32

Title: SDR Implementation of a D2D Security Cryptographic Mechanism  
Author(s): Balan, TN (Balan, Titus N.); Balan, AC (Balan, Alexandra C.); Sandu, FD (Sandu, Florin D.)  
Source: IEEE ACCESS Volume: 7 Pages: 38847-38855 DOI: 10.1109/ACCESS.2019.2904909 Published: 2019  
Accession Number: WOS:000463938300001  
ISSN: 2169-3536

## Record 2 of 32

Title: Home Assisted Living of Elderly People using Wireless Sensors Networks in a Cloud System  
Author(s): Moraru, SA (Moraru, Sorin-Aurel); Perniu, L (Perniu, Liviu); Ungureanu, DE (Ungureanu, Delia Elisabeta); Mosoi, AA (Mosoi, Adrian Alexandru);  
Kristaly, DM (Kristaly, Dominic Mircea); Sandu, F (Sandu, Florin); Manea, AC (Manea, Adrian Constantin) Book Group Author(s): IEEE  
Source: 2018 INTERNATIONAL SYMPOSIUM IN SENSING AND INSTRUMENTATION IN IOT ERA (ISSI)  
Published: 2018 Accession Number: WOS:000455007000035  
Conference Title: International Symposium in Sensing and Instrumentation in IoT Era (ISSI)  
Conference Date: SEP 06-07, 2018  
Conference Location: Shanghai, PEOPLES R CHINA  
ISBN: 978-1-5386-5638-9

## Record 3 of 32

Title: Communication Solutions for Power Measurement in the Cloud  
Author(s): Fernoaga, V (Fernoaga, Vlad); Stelea, GA (Stelea, George-Alex); Robu, D (Robu, Dan); Sandu, F (Sandu, Florin)  
Book Group Author(s): IEEE  
Source: 2018 12TH INTERNATIONAL CONFERENCE ON COMMUNICATIONS (COMM) Book Series: IEEE International Conference on Communications Pages:  
397-402 Published: 2018  
Accession Number: WOS:000449526000075  
Conference Title: 12th IEEE International Conference on Communications (COMM)  
Conference Date: JUN 14-16, 2018  
Conference Location: Bucharest, ROMANIA  
Conference Sponsors: Mil Tech Acad Ferdinand I, Politehnica Univ Bucharest, Electronica Fdn, Orange, RomTek Elect, HUAWEL, MarcTel, T, C4 SYS,  
TERRASIGNA, Tellence, ROMKATEL, ROHDE&SCHWARZ, HV Optoelectronica, Interact Syst Engn, Beia, IEEE  
ISSN: 1550-3607  
ISBN: 978-1-5386-2350-3

## Record 4 of 32

Title: Tele-measurement with Virtual Instrumentation using Web-Services  
Author(s): Robu, DN (Robu, Dan Nicolae); Fernoaga, VP (Fernoaga, Vlad Paul); Stelea, GA (Stelea, George-Alex); Sandu, F (Sandu, Florin)  
Book Group Author(s): IEEE  
Source: 2017 IEEE 23RD INTERNATIONAL SYMPOSIUM FOR DESIGN AND TECHNOLOGY IN ELECTRONIC PACKAGING (SIITME) Book Series:  
International  
Symposium for Design and Technology in Electronic Packaging Pages: 387-394 Published: 2017  
Accession Number: WOS:000428032300083  
Conference Title: 23rd IEEE International Symposium for Design and Technology in Electronic Packaging (SIITME)  
Conference Date: OCT 26-29, 2017  
Conference Location: Constanta, ROMANIA

Conference Sponsors: IEEE, IEEE CPMT Hu&Ro Joint Chapter, CETTI, IEEE Romania Sect, Politehnica Univ Bucharest  
ISSN: 2641-287X  
ISBN: 978-1-5386-1626-0

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## Record 5 of 32

Title: Reconfigurable platform for embedded systems teaching  
Author(s): Stanciu, A (Stanciu, Alexandra); Balan, T (Balan, Titus); Sandu, F (Sandu, Florin); Gerigan, C (Gerigan, Carmen)  
Book Group Author(s): IEEE  
Source: 2017 IEEE 23RD INTERNATIONAL SYMPOSIUM FOR DESIGN AND TECHNOLOGY IN ELECTRONIC PACKAGING (SIITME) Book Series: International  
Symposium for Design and Technology in Electronic Packaging Pages: 455-458 Published: 2017  
Accession Number: WOS:000428032300097  
Conference Title: 23rd IEEE International Symposium for Design and Technology in Electronic Packaging (SIITME)  
Conference Date: OCT 26-29, 2017  
Conference Location: Constanta, ROMANIA  
Conference Sponsors: IEEE, IEEE CPMT Hu&Ro Joint Chapter, CETTI, IEEE Romania Sect, Politehnica Univ Bucharest  
ISSN: 2641-287X  
ISBN: 978-1-5386-1626-0

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## Record 6 of 32

Title: Integrating wireless sensors into cloud systems for ambient assisted living  
Author(s): Moraru, SA (Moraru, Sorin-Aurel); Perniu, L (Perniu, Liviu); Kristaly, DM (Kristaly, Dominic Mircea); Ungureanu, DA (Ungureanu, Delia A.); Sandu, F (Sandu, Florin); Mosoi, AA (Mosoi, Adrian A.)  
Book Group Author(s): IEEE  
Source: 2017 25TH MEDITERRANEAN CONFERENCE ON CONTROL AND AUTOMATION (MED) Book Series: Mediterranean Conference on Control and Automation Pages: 1106-1112 Published: 2017  
Accession Number: WOS:000426926300181  
Conference Title: 25th Mediterranean Conference on Control and Automation (MED)  
Conference Date: JUL 03-06, 2017  
Conference Location: Univ Malta, Valletta Campus, Valletta, MALTA  
Conference Sponsors: Mediterranean Control Assoc, IEEE Control Syst Soc, IEEE, IEEE Robot & Automat Soc Conference Host: Univ Malta, Valletta Campus  
ISSN: 2325-369X  
ISBN: 978-1-5090-4533-4

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## Record 7 of 32

Title: A Digital Control Mechanism for the Delay of a Dual-Microphone Analog Beamformer  
Author(s): Farago, P (Farago, Paul); Hintea, S (Hintea, Sorin); Sandu, F (Sandu, Florin)  
Book Group Author(s): IEEE  
Source: 2017 INTERNATIONAL CONFERENCE ON OPTIMIZATION OF ELECTRICAL AND ELECTRONIC EQUIPMENT (OPTIM) & 2017 INTL AEGEAN CONFERENCE ON ELECTRICAL MACHINES AND POWER ELECTRONICS (ACEMP) Pages: 797-802 Published: 2017  
Accession Number: WOS:000426909600122  
Conference Title: International Conference on Optimization of Electrical and Electronic Equipment (OPTIM) / Intl Aegean Conference on Electrical Machines and Power Electronics (ACEMP) Conference Date: MAY 25-27, 2017  
Conference Location: Transilvania Univ Brasov, Brasov, ROMANIA  
Conference Sponsors: Univ Politehnica Timisoara, Tech Univ Cluj Napoca, Middle E Tech Univ Ankara, Inst Elec & Elect Engineers, IEEE Ind Elect Soc, IEEE Ind Applicat Soc, IEEE Power Elect Soc, Inst Elect Engineers Japan, Korean Inst Power Elect Conference Host: Transilvania Univ Brasov  
ISBN: 978-1-5090-4489-4

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Record 8 of 32

Title: Peer Control Solutions for Improving LTE Access Networks

Author(s): Curpen, R (Curpen, Radu); Robu, DN (Robu, Dan-Nicolae); Sandu, F (Sandu, Florin); Amarandei, A (Amarandei, Alina)

Book Group Author(s): IEEE

Source: 2017 INTERNATIONAL CONFERENCE ON OPTIMIZATION OF ELECTRICAL AND ELECTRONIC EQUIPMENT (OPTIM) & 2017 INTL AEGEAN CONFERENCE

ON ELECTRICAL MACHINES AND POWER ELECTRONICS (ACEMP) Pages: 947-952 Published: 2017

Accession Number: WOS:000426909600147

Conference Title: International Conference on Optimization of Electrical and Electronic Equipment (OPTIM) / Intl Aegean Conference on Electrical Machines and Power Electronics (ACEMP) Conference Date: MAY 25-27, 2017

Conference Location: Transilvania Univ Brasov, Brasov, ROMANIA

Conference Sponsors: Univ Politehnica Timisoara, Tech Univ Cluj Napoca, Middle E Tech Univ Ankara, Inst Elec & Elect Engineers, IEEE Ind Elect Soc, IEEE Ind

Applicat Soc, IEEE Power Elect Soc, Inst Elect Engineers Japan,

Korean Inst Power Elect Conference Host: Transilvania Univ Brasov

ISBN: 978-1-5090-4489-4

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Record 9 of 32

Title: Bandwidth Usage Management for HbbTV Streaming Services based on User Behavior

Author(s): Gavrilă, C (Gavrilă, Cristinel); Csaba-Zoltan, K (Csaba-Zoltan, Kerteszi); Popescu, V (Popescu, Vlad); Sandu, F (Sandu, Florin)

Book Group Author(s): IEEE

Source: 2017 IEEE INTERNATIONAL SYMPOSIUM ON BROADBAND MULTIMEDIA SYSTEMS AND BROADCASTING (BMSB) Book Series: IEEE International

Symposium on Broadband Multimedia Systems and Broadcasting Pages: 333-337 Published: 2017

Accession Number: WOS:000414279400063

Conference Title: 12th IEEE International Symposium on Broadband Multimedia Systems and Broadcasting (BMSB)

Conference Date: JUN 07-09, 2017

Conference Location: Cagliari, ITALY

Conference

Sponsors: IEEE

ISSN: 2155-5044

ISBN: 978-1-5090-4937-0

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Record 10 of 32

Title: SDR-assisted device-to-device communication in radio-congested environments

Author(s): Robu, D (Robu, Dan); Balan, T (Balan, Titus); Stanciu, A (Stanciu, Alexandra); Sandu, F (Sandu, Florin)

Book Group Author(s): IEEE

Source: 2017 IEEE INTERNATIONAL SYMPOSIUM ON BROADBAND MULTIMEDIA SYSTEMS AND BROADCASTING (BMSB) Book Series: IEEE International

Symposium on Broadband Multimedia Systems and Broadcasting Pages: 344-350 Published: 2017

Accession Number: WOS:000414279400065

Conference Title: 12th IEEE International Symposium on Broadband Multimedia Systems and Broadcasting (BMSB)

Conference Date: JUN 07-09, 2017

Conference Location: Cagliari, ITALY

Conference Sponsors: IEEE

ISSN: 2155-5044

ISBN: 978-1-5090-4937-0

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Record 11 of 32

Title: Multihoming for Mobile Internet of Multimedia Things

Author(s): Balan, T (Balan, Titus); Robu, D (Robu, Dan); Sandu, F (Sandu, Florin)

Source: MOBILE INFORMATION SYSTEMS Article Number: 6965028 DOI: 10.1155/2017/6965028 Published: 2017

Accession Number:

WOS:000412174200001

ISSN: 1574-017X eISSN:

1875-905X

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**Record 12 of 32**

Title: Student Active Participation in the Study of the Light Bulbs

Author(s): Ogrutan, P (Ogrutan, Petre); Aciu, LE (Aciu, Lia Elena); Sandu, F (Sandu, Florin); Gerigan, C (Gerigan, Carmen)

Source: TEM JOURNAL-TECHNOLOGY EDUCATION MANAGEMENT INFORMATICS Volume: 5 Issue: 4 Pages: 424-434 DOI: 10.18421/TEM54-03 Published: NOV

2016

Accession Number:

WOS:000388854000003

ISSN: 2217-8309 eISSN:

2217-8333

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**Record 13 of 32**

Title: LISP Optimisation of Mobile Data Streaming in Connected Societies

Author(s): Balan, T (Balan, T.); Robu, D (Robu, D.); Sandu, F (Sandu, F.)

Source: MOBILE INFORMATION SYSTEMS Article Number: 9597579 DOI:

10.1155/2016/9597579 Published: 2016 Accession Number: WOS:000391619100001

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**Record 14 of 32**

Title: A Security Analysis on Standard IoT Protocols

Author(s): Zamfir, S (Zamfir, S.); Balan, T (Balan, T.); Iliescu, I (Iliescu, I.); Sandu, F (Sandu, F.)

Book Group Author(s): IEEE

Source: 2016 INTERNATIONAL CONFERENCE ON APPLIED AND THEORETICAL ELECTRICITY (ICATE) Book Series: International Conference on Applied and

Theoretical Electricity Published: 2016

Accession Number: WOS:000390767500064

Conference Title: International Conference on Applied and Theoretical Electricity (ICATE)

Conference Date: OCT 06-08, 2016

Conference Location: Craiova, ROMANIA

Conference Sponsors: Univ Craiova, Fac Elect Engn, Inst Elect &amp; Elect Engineers USA, IEEE Romanian Sect CS Chapter, IEEE Romanian Sect EMB Chapter, IEEE Romanian Sect EMC Chapter, Minist Natl Educ &amp; Res, Assoc Support Engn Educ, IEEE

ISSN: 2376-4163

ISBN: 978-1-4673-8562-6

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**Record 15 of 32**

Title: Mobile Communication Solutions for the Services in the Internet of Things

Author(s): Zamfir, S (Zamfir, Sorin); Balan, T (Balan, Titus); Sandu, F (Sandu, Florin); Costache, C (Costache,

Cosmin) Edited by: Borangiu T; Dragoicea M; Novoa H

Source: EXPLORING SERVICES SCIENCE (IESS 2016) Book Series: Lecture Notes in Business Information Processing Volume: 247 Pages: 619-632 DOI:

10.1007/978-3-319-32689-4\_47 Published: 2016

Accession Number: WOS:000386914200047

Conference Title: 7th International Workshop on Exploring Service Science (IESS)

Conference Date: MAY 25-27, 2016

Conference Location: Bucharest, ROMANIA

Conference Sponsors: Univ Politehnica Bucharest, Fac Automat Control &amp; Comp Sci, CIMR Res Ctr, Int Soc Serv Innovat Profess, Luxembourg Inst Sci &amp; Technol, Romanian Acad Sci, IBM Romania

ISSN: 1865-1348

ISBN: 978-3-319-32689-4; 978-3-319-32688-7

## Record 16 of 32

Title: Solutions for Deep Packet Inspection in Industrial Communications

Author(s): Zamfir, S (Zamfir, S.); Balan, T (Balan, T.); Sandu, F (Sandu, F.); Costache, C (Costache, C.)

Book Group Author(s): IEEE

Source: 2016 INTERNATIONAL CONFERENCE ON COMMUNICATIONS (COMM 2016) Book Series: International Conference on Communications (ICC) Pages:

153-158 Published: 2016

Accession Number: WOS:000383221900033

Conference Title: IEEE 11th International Conference on Communications (COMM)

Conference Date: JUN 09-11, 2016

Conference Location: Bucharest, ROMANIA

Conference Sponsors: Mil Tech Acad, Politehnica Univ

Bucharest, IEEE

ISBN: 978-1-4673-8197-0

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## Record 17 of 32

Title: Contributions to Content-based Software Defined Networks

Author(s): Balan, T (Balan, T.); Zamfir, S (Zamfir, S.); Robu, D (Robu, D.); Sandu, F (Sandu, F.)

Book Group Author(s): IEEE

Source: 2016 INTERNATIONAL CONFERENCE ON COMMUNICATIONS (COMM 2016) Book Series: International Conference on Communications (ICC) Pages:

159-162 Published: 2016

Accession Number: WOS:000383221900034

Conference Title: IEEE 11th International Conference on Communications (COMM)

Conference Date: JUN 09-11, 2016

Conference Location: Bucharest, ROMANIA

Conference Sponsors: Mil Tech Acad, Politehnica Univ Bucharest, IEEE

ISBN: 978-1-4673-8197-0

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## Record 18 of 32

Title: A Framework for Hardware-Accelerated Services Using Partially Reconfigurable SoCs

Author(s): Machidon, OM (Machidon, Octavian Mihai); Hintea, S (Hintea, Sorin); Sandu, F (Sandu, Florin)

Source: ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING Volume: 16 Issue: 2 Pages: 57-62 DOI:

10.4316/AECE.2016.02008 Published: 2016 Accession Number: WOS:000376996100008

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## Record 19 of 32

Title: Using Students Own Mobile Phones in Teaching Wireless Programming Techniques Laboratory

Author(s): Ogrutan, P (Ogrutan, Petre); Sandu, F (Sandu, Florin); Gerigan, C (Gerigan, Carmen)

Source: INTERNATIONAL JOURNAL OF ENGINEERING EDUCATION Volume: 32 Issue: 2 Pages: 841-848 Part:

A Published: 2016 Accession Number: WOS:000374235000022

ISSN: 0949-149X

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## Record 20 of 32

Title: RECONFIGURABLE CELLULAR HARDWARE FOR COMMUNICATIONS AN EDUCATIONAL PLATFORM DRIVEN BY VIRTUAL INSTRUMENTATION

Author(s): Chitic, M (Chitic, Mihail); Machidon, OM (Machidon, Octavian Mihai); Sandu, F (Sandu, Florin)

Edited by: Roceanu I; Moldoveanu F; TrausanMatu S; Barbieru D; Beligan D; Ionita A

Source: RETHINKING EDUCATION BY LEVERAGING THE ELEARNING PILLAR OF THE DIGITAL AGENDA FOR EUROPE!, VOL. I Book Series: eLearning and

Software for Education Pages: 239-244 DOI: 10.12753/2066-026X-15-035 Published: 2015

Accession Number: WOS:000384469000035

Conference Title: 11th International Scientific Conference on eLearning and Software for Education

(eLSE) Conference Date: APR 23-24, 2015

Location: Bucharest, ROMANIA

ISSN: 2066-026X

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**Record 21 of 32**

Title: Ad-hoc Lab Computer Network Configuration using Remote Resources

Author(s): Balan, TC (Balan, T. C.); Robu, DN (Robu, D. N.); Sandu, F (Sandu, F.)

Book Group Author(s): IEEE

Source: 2015 IEEE 21ST INTERNATIONAL SYMPOSIUM FOR DESIGN AND TECHNOLOGY IN ELECTRONIC PACKAGING (SIITME) Book Series: International

Symposium for Design and Technology in Electronic Packaging Pages: 393-396 Published: 2015

Accession Number: WOS:000377765500072

Conference Title: 21st IEEE International Symposium for Design and Technology in Electronic Packaging (SIITME)

Conference Date: OCT 22-25, 2015

Conference Location: Brasov, ROMANIA

Conference Sponsors: IEEE, IEEE CPMT Hu & RO Joint Chapter, Univ Politehnica Din Bucuresti, CETTI, IEEE Romania Sect

ISSN: 2641-287X

ISBN: 978-1-5090-0332-7

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**Record 22 of 32**

Title: Semantic Data Aggregation in Heterogeneous Learning Environments

Author(s): Sandu, F (Sandu, F.); Costache, C (Costache, C.); Balan, T (Balan, T.)

Book Group Author(s): IEEE

Source: 2015 IEEE 21ST INTERNATIONAL SYMPOSIUM FOR DESIGN AND TECHNOLOGY IN ELECTRONIC PACKAGING (SIITME) Book Series: International

Symposium for Design and Technology in Electronic Packaging Pages: 409-412 Published: 2015

Accession Number: WOS:000377765500075

Conference Title: 21st IEEE International Symposium for Design and Technology in Electronic Packaging (SIITME)

Conference Date: OCT 22-25, 2015

Conference Location: Brasov, ROMANIA

Conference Sponsors: IEEE, IEEE CPMT Hu & RO Joint Chapter, Univ Politehnica Din Bucuresti, CETTI, IEEE Romania Sect

ISSN: 2641-287X

ISBN: 978-1-5090-0332-7

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**Record 23 of 32**

Title: Business Integration of Industrial Communications with Cloud Computing

Author(s): Costache, C (Costache, Cosmin); Sandu, F (Sandu, Florin); Balan, T (Balan, Titus); Nedelcu, A (Nedelcu, Adrian); Covei, A (Covei, Alexandru) Book Group Author(s): IEEE

Source: 2014 10TH INTERNATIONAL CONFERENCE ON COMMUNICATIONS (COMM) Published: 2014

Accession Number: WOS:000345844600108

Conference Title: 10th International Conference on Communications (COMM)

Conference Date: MAY 29-31, 2014

Conference Location: Bucharest, ROMANIA

Conference Sponsors: Politehnica Univ Bucharest, Orange, Ericsson, Huawei, Romkatel, IDQ, ITBS, Technol Excellence, Pro Optica, Kapsch, Commun Test Syst, Electronica 2000 Fdn, Acad Stiinte Tehnice, Mil Tech Acad

ISBN: 978-1-4799-2385-4

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**Record 24 of 32**

Title: Demonstrator for Voice Communication over LTE

Author(s): Curpen, R (Curpen, Radu); Balan, T (Balan, Titus); Sandu, F (Sandu, Florin); Costache, C (Costache, Cosmin); Cerchez, C (Cerchez, Calin) Book Group Author(s): IEEE

Source: 2014 10TH INTERNATIONAL CONFERENCE ON COMMUNICATIONS (COMM) Published: 2014

Accession Number: WOS:000345844600107

Conference Title: 10th International Conference on Communications (COMM)

Conference Date: MAY 29-31, 2014

Conference Location: Bucharest, ROMANIA



Conference Sponsors: Politehnica Univ Bucharest, Orange, Ericsson, Huawei, Romkatel, IDQ, ITBS, Technol Excellence, Pro Optica, Kapsch, Commun Test Syst, Electronica 2000 Fdn, Acad Stiinte Tehnice, Mil Tech Acad  
ISBN: 978-1-4799-2385-4

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Record 25 of 32

Title: Remote SoC/FPGA Platform Configuration for Cloud Applications

Author(s): Machidon, O (Machidon, Octavian); Sandu, F (Sandu, Florin); Zaharia, C (Zaharia, Corneliu); Cotfas, P (Cotfas, Petru); Cotfas, D (Cotfas, Daniel)

Book Group Author(s): IEEE

Source: 2014 INTERNATIONAL CONFERENCE ON OPTIMIZATION OF ELECTRICAL AND ELECTRONIC EQUIPMENT (OPTIM) Pages: 827-832

Published: 2014 Accession Number: WOS:000343551300121

Conference Title: International Conference on Optimization of Electrical and Electronic Equipment (OPTIM)

Conference Date: MAY 22-24, 2014

Conference Location: ROMANIA

Conference Sponsors: IEEE Ind Elect Soc, IEEE Ind Applicat Soc, IEEE Power Elect Soc, Transilvania Univ Brasov

ISBN: 978-1-4799-5183-3

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Record 26 of 32

Title: Social Networking of Instrumentation - a Case Study in Telematics

Author(s): Robu, D (Robu, Dan); Sandu, F (Sandu, Florin); Petreus, D (Petreus, Dorin); Nedelcu, A (Nedelcu, Adrian); Balica, A (Balica, Alexandru)

Source: ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING Volume: 14 Issue: 2 Pages: 153-160 DOI:

10.4316/AECE.2014.02024 Published: 2014 Accession Number: WOS:000340868100024

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Record 27 of 32

Title: Evaluating the Energy Overhead Generated by Interferences within the 2.4 GHz Band for a Hybrid RFID Network

Author(s): Nedelcu, AV (Nedelcu, Adrian-Valentin); Duguleana, M (Duguleana, Mihai); Sandu, F (Sandu, Florin)

Edited by: Katalinic B

Source: 24TH DAAAM INTERNATIONAL SYMPOSIUM ON INTELLIGENT MANUFACTURING AND AUTOMATION, 2013 Book Series: Procedia Engineering Volume:

69 Pages: 210-215 DOI: 10.1016/j.proeng.2014.02.223 Published: 2014

Accession Number: WOS:000335859300028

Conference Title: 24th DAAAM International Symposium on Intelligent Manufacturing and

Automation Conference Date: OCT 23-26, 2013

Conference Location: Univ Zadar, Zadar, CROATIA

Conference Sponsors: DAAAM Int Assoc, Int Acad Engr, Vienna Univ Technol, Austrian Soc Engineers & Architects, Vienna Univ Appl Sci Technikum, DAAAM,

Danube Rectors Conf, DAAAM, Rectors & Presidents Honor Comm

Conference Host:

Univ Zadar

ISSN: 1877-7058

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Record 28 of 32

Title: Pattern Encryption with Cellular Automata - a LabVIEW implementation on FPGA

Author(s): Chitic, M (Chitic, Mihail); Machidon, O (Machidon, Octavian); Sandu, F (Sandu, Florin); Balan, T (Balan, Titus); Machedon-Pisu, M (Machedon-Pisu, Mihai)

Book Group Author(s): IEEE

Source: 2014 ROEDUNET CONFERENCE 13TH EDITION: NETWORKING IN EDUCATION AND RESEARCH JOINT EVENT RENAM 8TH CONFERENCE Book Series:

RoEduNet International Conference Published: 2014

Accession Number: WOS:000374588700004

Conference Title: Joint Event of the RENAM 8th Conference / RoEduNet 13th Conference

Conference Date: SEP 11-13, 2014

Conference Location: Chisinau, MOLDOVA

Conference Sponsors: RENAM, RoEduNet, Agentia Administrare Retelei Nationale Informatica Educatie Cercetare  
ISSN: 2068-1038  
ISBN: 978-1-4799-6860-2

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Record 29 of 32

Title: So ware-Defined Networking of Linux Containers

Author(s): Costache, C (Costache, Cosmin); Machidon, O (Machidon, Octavian); Mladin, A (Mladin, Adrian); Sandu, F (Sandu, Florin); Bocu, R (Bocu, Razvan)

Book Group Author(s): IEEE

Source: 2014 ROEDUNET CONFERENCE 13TH EDITION: NETWORKING IN EDUCATION AND RESEARCH JOINT EVENT RENAM 8TH CONFERENCE Book Series:

RoEduNet International Conference Published: 2014

Accession Number: WOS:000374588700018

Conference Title: Joint Event of the RENAM 8th Conference / RoEduNet 13th Conference

Conference Date: SEP 11-13, 2014

Conference Location: Chisinau, MOLDOVA

Conference Sponsors: RENAM, RoEduNet, Agentia Administrare Retelei Nationale Informatica Educatie Cercetare

ISSN: 2068-1038

ISBN: 978-1-4799-6860-2

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Record 30 of 32

Title: RSSI-based Electromagnetic Propagation in Industrial Environments

Author(s): Machedon-Pisu, M (Machedon-Pisu, Mihai); Morariu, G (Morariu, Gheorghe); Sandu, F (Sandu, Florin)

Book Group Author(s): IEEE

Source: 2014 ROEDUNET CONFERENCE 13TH EDITION: NETWORKING IN EDUCATION AND RESEARCH JOINT EVENT RENAM 8TH CONFERENCE Book Series:

RoEduNet International Conference Published: 2014

Accession Number: WOS:000374588700023

Conference Title: Joint Event of the RENAM 8th Conference / RoEduNet 13th Conference

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ISSN: 2068-1038

ISBN: 978-1-4799-6860-2

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Record 31 of 32

Title: Design and Deployment of Reconfigurable Hardware using Web Services

Author(s): Machidon, O (Machidon, Octavian); Sandu, F (Sandu, Florin); Chitic, M (Chitic, Mihail); Cotfas, P (Cotfas, Petre); Cotfas, D (Cotfas, Daniel)

Book Group Author(s): IEEE

Source: 2014 ROEDUNET CONFERENCE 13TH EDITION: NETWORKING IN EDUCATION AND RESEARCH JOINT EVENT RENAM 8TH CONFERENCE Book Series:

RoEduNet International Conference Published: 2014

Accession Number: WOS:000374588700003

Conference Title: Joint Event of the RENAM 8th Conference / RoEduNet 13th Conference

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ISSN: 2068-1038

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Record 32 of 32

Title: A service-oriented perspective for enhancing a digital system design course

Author(s): Machidon, O (Machidon, Octavian); Sandu, F (Sandu, Florin)

Edited by: Vlada M; Albeanu G; Popovici DM

Source: PROCEEDINGS OF THE 9TH INTERNATIONAL CONFERENCE ON VIRTUAL LEARNING Book Series: Proceedings of the International Conference on

Virtual learning Pages: 96-102 Published: 2014

Accession Number: WOS:000448492500011

Conference Title: 9th International Conference on Virtual Learning (ICVL 2014)

Conference Date: OCT 24-25, 2014

Conference Location: Univ Bucharest, Bucharest, ROMANIA

Conference Sponsors: Univ Bucharest, Fac Psychol & Educ Sci

Conference Host: Univ

Bucharest

ISSN: 1844-8933