



Curriculum vitae

Informații personale

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| First Name /Name | Iosif PRAOVEANU |
| Scientific Degree | Engineer, PhD |
| Affiliation | “Titu Maiorescu” University, București |
| Email | iosif.praoveanu@utm.ro |

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|------------------------------------|---|
| Background | <ul style="list-style-type: none"> • PhD in Electronics and Telecommunications, Engineering Science / PhD Thesis „Information Flows Optimization in Optical Communication Systems” • The Academy of Economic Studies, Bucharest / Cybernetics, Statistics and Economic Informatics • Military Technical Academy / Faculty of Electrical Engineering and Electronics, telecommunication engineer • Post graduated courses in Communication Networks, Optical Communications |
| Work experience | <ul style="list-style-type: none"> • 1975-1979: Chief of military repairing workshop • 1979-2004: assistant, lecturer, assistant professor , Military Technical Academy, Department of Communication • 2004-2005: Deputy Manager for Scientific Research of the Military Equipment and Technologies Research Agency, București • 2006-2011: assistant professor and Head of Informatics Department, “Titu Maiorescu” University - București • 2011-present: assistant professor , “Titu Maiorescu” University - București • Scientific research in Optical Communications, Communication and Computer Networks |
| Didactical experience | <ul style="list-style-type: none"> • 1979 to present: higher education activity from assistant to assistant professor; • Management activity in higher education at Military Technical Academy and “Titu Maiorescu” University, București |
| Research experience | <ul style="list-style-type: none"> • Optical Communications, Communication and Computer Networks |
| Works published (selection) | <p><u>Books:</u></p> <ol style="list-style-type: none"> 1. Praoveanu I. - Optical Communication Systems Ed. MTA, București 1997 2. I. Praoveanu , Ș. Simion, D. Jipa - Electronic Devices and Circuits Ed. MTA, București 2000, ISBN 973-9456-13-86 3. Praoveanu I.- Optical Communication Systems - Problems Ed. MTA, București 2004, ISBN 973-640-040-9 4. Praoveanu I. – Computer Networks, “Titu Maiorescu” University - București, 2009, ISBN 978-606-8002-31-6 5. Praoveanu I. - Computer Networks, – <i>Cours for e-learning</i> Editura Renaissance, București, 2010, ISBN 978-606-8321-79-0 6. Praoveanu I. – Computer Network Management Editura Renaissance, București, 2010 ISBN 978-606-8321-70-7 <p><u>Works published in Journals :</u></p> <ol style="list-style-type: none"> 1. Praoveanu I, C. Bălan A Layered Approach of the Optical Networks, Romanian Journal of Optoelectronics Bucuresti, 2002 2. Praoveanu I. – Scientific Research Management, ACTTM Review, nr. 2, 2004 <p><u>Works published in Proceedings</u></p> <ol style="list-style-type: none"> 1. Iosif Praoveanu, Trends on Optical Access Networks Conferința internațională Educație și creativitate pentru o societate bazată pe cunoaștere, Universitatea Titu Maiorescu, secțiunea Informatică, Ediția a V-a, București, noiembrie, 2011 2. Iustin Priescu, Iosif Praoveanu, Radu Boriga, Soluție de realizare a infrastructurii IT&C: Internet-Intranet-Extranet în cadrul UTM , Conferința internațională Educație și creativitate pentru o societate bazată pe cunoaștere, Universitatea Titu Maiorescu, secțiunea Informatică, Ediția a III-a, |

București, 19-20 noiembrie, 2009

3. **Iosif Praoveanu**, "A layered view of optical networks", prezentată și publicată în Vol. Conferinței internaționale a UTM, noiembrie 2008
4. **Iosif Praoveanu**, **Multiplexing and Multiple Access Techniques in Optical Communication Networks**, Conferința internațională Educație și creativitate pentru o societate bazată pe cunoaștere, Universitatea Titu Maiorescu, secțiunea Știința și tehnologia informației, Ediția I, București, 22-23 noiembrie, 2007
5. **Iosif Praoveanu**, Feier Adrian Nicolae, **Channel Simulation and Capacity Optimization for Indoor MIMO Communications Systems**, Conferința internațională Educație și creativitate pentru o societate bazată pe cunoaștere, Universitatea Titu Maiorescu, secțiunea Știința și tehnologia informației, Ediția I, București, 22-23 noiembrie, 2007
6. **Iosif Praoveanu**, **Analiza și simularea rețelelor de comunicații și calculatoarelor cu produsul COMNET III**, Analele Universității "Titu Maiorescu", Seria Știința și tehnologia informației, (2005), p.105-113, ISSN 1842-0494
7. Lecturer Eng. Petrică Ciofîrnae, Prof. Eng. Ion Lucian, Conf. Eng. **Iosif Praoveanu**, Prof. Eng. Constantin Bălan- **Traffic Analysis in Communications Networks** – The 31st International Conference "Modern Technologies in the XXI Century" of Military Technical Academy, Bucharest, 3-4 November, 2005
8. Lecturer Eng. Petrică Ciofîrnae, conf. dr. ing. M. Boșcoianu, conf. dr. ing. **Iosif Praoveanu** – **Call Processing Analysis in Communications Networks** – The 31st International Conference "Modern Technologies in the XXI Century" of Military Technical Academy, Bucharest, 3-4 November, 2005
9. Lecturer Eng. Petrică Ciofîrnae, Lecturer Eng. Florin Popescu, Conf. Eng. **Iosif Praoveanu** - **Aspects on Call Processing in Communications Networks**, The 5th International Conference on Electrical Engineering, May 16-18, 2006, Cairo, Egipt.
10. Lecturer Eng. Petrică Ciofîrnae, Prof. Eng. Ion Lucian, Prof. Eng. Constantin Bălan, Conf. Eng. **Iosif Praoveanu**, Eng. Iulian Râncu - **Aspects on Call Processing for Mobile Networks**, The 36-th International Scientific Symposium of METRA, May 26th – 27th, 2005, Bucharest
11. P. Ciofîrnae, **I. Praoveanu**, C. Balan, T. Necșoiu – **Special Request for Tactical Laser Communication Systems**, The 36-th International Scientific Symposium of METRA, May 26th – 27th, 2005, Bucharest
12. **Praoveanu I.**, V. Adetu – **Fixed Schedules Algorithms Implementing for Channels Allocation in T/WDMA Systems**, International Conference Communications 2004, June 03-05, 2004, București
13. **Praoveanu I.**, D. Filip - **Algorithms for Access Optimisation in T/WDMA Optical Networks**, International Conference Communications 2004, June 03-05, 2004, București
14. **Praoveanu I.** - **Multiplexing and Multiple Access Techniques in Optical Communication Networks**, International Conference Communications 2002, 5-7 Decembrie, București
15. Bălan C, **I. Praoveanu**, F. Popescu- **The Effect of the Inbalance in I and Q Channels on Differential Detected $\pi/4$ DQPSK**, The 5th International Conference on Telecommunications în Modern Satellite, Cable and Broadcasting Services, Telsiks 2001, Nis, Yugoslavia

Research Projects:

National R&D Projects

1. "Studies and Software Programs for Romanian Army Transmission System", ORIZONT 2000 Project (1999-2001)
2. "Advanced Studies and Research on Laser Communication Systems through Disturbed Atmosphere" CEEX Program 2006-2008
3. "Secure Communications compatible with EUROCOM Networks", CEEX Program 2006 -2008

Sectoral Operational Programme Human Resources Development 2007-1013

1. Information and Consulting Centre Promoting Antrepreneurial Culture, Contract nr:

POSDRU/92/3.1/S/57836 (2010-2012), Informatics Training Expert,

2. Higher Education and Quality for the Future Contract nr.: POSDRU/86/1.2./S/61434 (2011-2013),

3. Advanced Studies School "Cyber Security Challenges – from Paradigm to Implementation", Project PN II – ID SSA 2012-2-1

Foreign Languages

English: well (understanding, speaking, writing)

Franch: well

ARACIS external assessor for Informatics