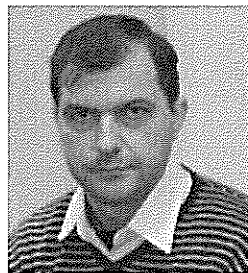


## Curriculum vitae Europass



### Informații personale

Nume / Prenume

**Sinescu Cosmin**

Adresă(e)

Telefon

Fax

E-mail

Naționalitate

Data nașterii

Sex

Locul de muncă vizat /  
Domeniul ocupațional

**Universitatea de Medicina si Farmacie Victor Babes din Timisoara,  
Facultatea de Medicina Dentara**

Experiența profesională

Perioada	10.2000-03.2004	05.2003 - prezent	03.2004 - 03.2007	03.2007 -2013	12.2008 - prezent
<b>Locul</b>	Timisoara	Timisoara	Timisoara	Timisoara	Timisoara
<b>Instituția</b>	Universitatea de Medicina si Farmacie Victor Babes		Universitatea de Medicina si Farmacie Victor Babes	Universitatea de Medicina si Farmacie Victor Babes	
<b>Funcția</b>	<b>Preparator Universitar</b>	<b>Medic Specialist</b>	<b>Asistent Universitar</b>	<b>Sef Lucrari</b>	<b>Medic Primar</b>
<b>Descriere</b>	Disciplina de Propedeutică și Materiale Dentare	Specialitatea Stomatologie Generală	Disciplina de Propedeutică și Materiale Dentare	Disciplina de Propedeutică și Materiale Dentare	Specialitatea Stomatologie Generală

Perioada

2013 – 2015

Funcția sau postul ocupat

Conferentiar Universitar

Activități și responsabilități principale

Activitate didactică și de cercetare

Numele și adresa angajatorului

Universitatea de Medicină și Farmacie Victor Babeș Timișoara, Facultatea de Medicină Dentară

Tipul activității sau sectorul de activitate

Învățământ universitar

Perioada

2015 - prezent

Funcția sau postul ocupat

Profesor Universitar Dr. Habil

Activități și responsabilități principale

Activitate didactică și de cercetare

Numele și adresa angajatorului

Universitatea de Medicină și Farmacie Victor Babeș Timișoara, Facultatea de Medicină Dentară

Tipul activității sau sectorul de activitate

Învățământ universitar

**Educație și formare**

Instituția	COLEGIUL NAȚIONAL BĂNĂȚEAN TIMIȘOARA SECȚIA: FIZICĂ CHIMIE	UNIVERSITATEA DE MEDICINA SI FARMACIE DIN TIMIȘOARA, FACULTATEA DE STOMATOLOGIE	UNIVERSITATEA DE MEDICINA SI FARMACIE DIN TIMIȘOARA, FACULTATEA DE STOMATOLOGIE
<b>Perioada:</b>	Sept.1989-iul.1993	Oct.1993-sept.1999	10.2000-11.2004
<b>Grade sau diplome obținute</b>	DIPLOMA DE BACAL AUREA T	DIPLOMA DE DOCTOR MEDIC STOMATOLOG	DIPLOMA DE DOCTOR STOMATOLOGIE

Clinica și tehnologia implantului D.C., Timișoara, 22-23 09.2000, Dr. Cesare De Col, Prof. Dr. Enrico Cislaghi,  
Prof. Dr. Bratu Dorin, Maria Tomescu.

Actualități și perspective în restaurările protetice integral ceramice, București, 27.09.2000, Gen. Conf. Dr. Augustin  
Traian Mihai, Prof. Dr. Dorin Bratu.

Principii ale reconstrucțiilor protetice pe implantate integrate tisular și etapele de rezolvare a acestora, București,  
28.09.2000, Gen. Conf. Dr. Augustin Traian Mihai.

Asigurările stomatologice suplimentare Asimed – un nou început, București, 28.09.2000, Gen. Conf. Dr. Augustin  
Traian Mihai, Dr. Sorin Paveliu.

Tratamentul ortodontic preprotetic, București, 29.09.2000, Gen. Conf. Dr. Augustin Traian Mihai, Conf. Dr. Dragoș  
Stanciu.

The Unique Thermoplastic – Flexite Technology, Praga, Cehia 2005.

Managementul Proiectelor de Cercetare Științifică Medicală și Farmaceutică – Timișoara, 2005

SR Adoro Technology, Timișoara, 2005.

Duceram Kiss Introduction, Timișoara, 2005.

Vision Clasic, Vision Low, Lawrence Tehnodent, Timișoara, 2005.

Estetica ceramicii în funcție de capete de support, București, 2005.

Terapia cu laser în medicina dentară – modulul I, Timișoara, 2005.

The Production of saw cut models with The Model Tray System, Timișoara, 2005.

Polyapress Spritzgusslehrgang mit Erfolg teilgenommen, Bredent, Timișoara, 2006.

Proiecția și execuția protezei scheletate fără duplicare, București, 2006.

Sisteme adezive în restaurările directe și indirecte, Timișoara, 2006.

Foundations of Clinical Terminology and Classifications, Workshop, Timișoara, 2006.

Terapia cu laser în medicina dentară – modulul II, Timișoara, 2006.

GC Seminar Minimal Intervention: From Concepts to Clinical Reality PM, Shenzhen, China, 2006.

Treatment Methods and New Materials in Modern Restorative Dentistry/Fixed Prosthodontics, Shenzhen, China, 2006.

Making Your own CEREC 3D Experience, Shenzhen, China, 2006.

Innovations in Managing Root Caries – Healozone, Shenzhen, China, 2006.

Root Canal Therapy Am, Shenzhen, China, 2006.

Principles and applications of Optical Coherence Tomography (James Fujimoto, SPIE, Photonics West 2008 –  
San Jose, USA)

Modern Optical Testing - Field guide to interferometric optical testing (James Wyant, SPIE - Photonics West  
2008 – San Jose, USA)

Structural adhesives for optical bonding, (John Daly, SPIE, Photonics West 2008 – San Jose, USA)

Principles of Diffraction, interferometry, Holography and Diffractive Optical Elements (Emmett Leith, SPIE,  
Photonics West 2008 – San Jose, USA) etc.

O abordare diferita in instrumentarea si obturarea canalelor radiculare, Terra Dent, SybronEndo, Lector Prof. Dr.  
Philippe Steiman, Bucuresti, Romania, 2012.

Cum sa ne aparam de malpraxis? MedRight Experts, Timisoara, , Romania, 2012.

Chirurgie parodontala, Modulul III GBR si GTR, Lector prof. Roberto Rossi, Terra Dent, OsteoBiol, Bucuresti,  
Romania, 2012.

Smile Design, MockUp, Amprintare, Provizorii, Terra Dent, Bucuresti, Romania, 2014.

Horizon 2020 Proposal Development Training Course by the Chief Executive Officer of Europa Media Trainings,  
Timisoara, Romania, 2014.

Digital Dentistry, Greater New York Dental Meeting, Course 3620, New York, USA, 2014.

#### CURSURI POSTUNIVERSITARE ONLINE

Role of Biomechanics, University of California, Los Angeles, California Continuing Dental Education, 2001.

Periodontal Immunology, University of California, Los Angeles, California Continuing Dental Education, 2001.

Oral Malodor, University of California, Los Angeles, California Continuing Dental Education, 2001.

UCLA Infection Control Program, University of California, Los Angeles, California Continuing Dental Education,  
2001.

Reconstructive Osseous Surgery, University of California, Los Angeles, California Continuing Dental Education,  
2001.

Phagocytes – Neutrophils, University of California, Los Angeles, California Continuing Dental Education, 2001.

Periodontal Flap Surgery for Maxillary Posterior Segments, University of California, Los Angeles, California  
Continuing Dental Education, 2001.

Use of Oral Analgesic Drugs Following Periodontal Surgery, University of California, Los Angeles, California  
Continuing Dental Education, 2001.

Periodontal Disease Recognition, University of California, Los Angeles, California Continuing Dental Education,  
2001.

Microbiology of Dental Plaque, University of California, Los Angeles, California Continuing Dental Education, 2001.

Introduction to Rotary Instrumentation, DentSply International, Endodontics Division, 2002.

Analyzing the Causes of Pathologic Tooth Wear, Continuing Education Online Interactive Course, 2005.

Dental Implants: A Second Chance at Dental Health, Continuing Education Online Interactive Course, 2005.

Effect of Light Source and Time on the Polymerization of Resin Cement through Ceramic Veneers, Continuing  
Education Online Interactive Course, 2005.

Dental Esthetics in Practice: Part 1 – Focus on the Patient, Continuing Education Online Interactive Course,  
2005.

Innovation in Tooth Whitening: The Science Behind the Smile, Part 1 – Fundamentals of Whitening Research,  
Continuing Education Online Interactive Course, 2005.

Innovation in Tooth Whitening: The Science Behind the Smile, Part 2 – Innovations in Bleaching Strips and  
Clinical Evidence, Continuing Education Online Interactive Course, 2005.

Innovation in Tooth Whitening: The Science Behind the Smile, Part 3 – Marketing Trends and Practice  
Implications, Continuing Education Online Interactive Course, 2005.

Reestablishing Occlusal Vertical Dimension Using a Diagnostic Treatment Prosthesis in The Edentulous  
Patient: A clinical Report, Continuing Education Online Interactive Course, 2005.

Retrofitting an Existing Implant Overdenture to a New and Redesigned Intraoral Framework: A Clinical  
Report, Continuing Education Online Interactive Course, 2005.

The Complete Denture Prosthesis: Clinical and Laboratory Applications – Baseline Data and Prognostic  
Indicators, Continuing Education Online Interactive Course, 2005.

The Complete Denture Prosthesis: Clinical and Laboratory Applications – Fabricating the Trial Denture,  
Continuing Education Online Interactive Course, 2005.

The Complete Denture Prosthesis: Clinical and Laboratory Applications – Insertion, Patient Adaptation and  
Post-Insertion Care, Continuing Education Online Interactive Course, 2005.

The Complete Denture Prosthesis: Clinical and Laboratory Applications – The Patient Analog, Part 1: Final  
Impressions, Continuing Education Online Interactive Course, 2005.

The Complete Denture Prosthesis: Clinical and Laboratory Applications – Insertion, Patient Adaptation and Post-Insertion Care, Continuing Education Online Interactive Course, 2005.  
 The Complete Denture Prosthesis: Clinical and Laboratory Applications – The Patient Analog, Part 1: Final Impressions, Continuing Education Online Interactive Course, 2005.  
 CBCT in a Busy Endo and Implant Practice, Thomas V. McClammy, DDS, Continuing Education Statement of Completion, Provider AEGIS Publications, LLC, ADA, CERP, Continuing Education Recognition Program by Marissa Clark \_ CE Certification Administrator, 2014.

Numele și tipul instituției de învățământ / furnizorului de formare

Universitatea de Medicină și Farmacie Victor Babeș Timișoara, Facultatea de Medicină Dentară

Nivelul în clasificarea națională sau internațională

Tip A

Spicuri din activitățile desfășurate în cadrul Facultății de Medicină Dentară / UMF Victor Babes Timisoara

**Adresa nr. 548/07.11.2013** – legata de participarea in calitate de membru al subcomisiei Medicina II pentru concursul de rezidentiat, sesiunea 17 noiembrie 2013;

**Adresa nr. 15041/03.12.2013** – Nominalizare in cadrul echipei de reactualizare a site-ului Facultatii de Medicina Dentara;

**Adresa nr. 3089/09.04.2014** - Convocator cu cadrele didactice de la Facultatea de Medicina Dentara desemnate sa participe la desfasurarea examenului de admitere din sesiunea Iulie 2014;

**Adresa nr. 3434/24.04.2014** – In conformitate cu hotararea Consiliului de Administratie din decizia Consiliului de Administratie din data de 23.04.2014, Rectorul, Prof. Univ. Dr. Marius Raica, numit prin Ordinul MECTS nr. 3487/08.03.2012 decide numirea comisiei de sustinere a tezei de doctorat in sedinta publica din 25 aprilie 2014 pentru studentul doctorand Cristescu L. Caius, Domeniul Medicina Dentara, Presedinte Prof. Univ. Dr. Bortun Cristina, Conducator de doctorat Prof. Univ. Dr. Podariu Angela Codruta, Membrii: Prof. Univ. Dr. Popsor Sorin UMF Tg Mures, Conf. Dr. Cuculescu Marian UMF Carol Davila Bucuresti, **Conf Dr. Sinescu Cosmin**, UMF Victor Babes din Timisoara;

**Adresa nr. 4402/26.05.2014** - Propunerea si aprobarea unui curs optional cu titlul Nanoaplicatii in Medicina Dentara, structurat pe 14 saptamani (1 semestru);

**Hotararea Senatului UMF Victor Babes din Timisoara, nr 9/4729/04.06.2014** – privind solicitarea d-nei Prof. Univ. Dr. Meda Lavinia Negrutiu si a d-nului Conf. Dr. Cosmin Sinescu nr. 4129/19.05.2014 de acordare a titlului de DOCTOR HONORIS CAUSA, d-nului profesor Adrian Gh Podoleanu, Kent, UK;

**Adresa nr. 5511/19.06.2014** – care solicita prezenta la analiza reformei curriculare, in colaborare cu Prof. Maertz;

**Adresa nr.4066/11.06.2014** – Realizarea unui material care sa contina prezentarea activitatii disciplinei, aspecte din practica, prezentarea personalitatilor disciplinei, prezentarea premierelor medicale din disciplina, poze privind sediul, laboratoarele, descrierea activitatilor didactice si de cercetare in care este implicata disciplina;

**Hotararea Consiliului Profesorat al Facultatii de Medicina Dentara UMF Victor Babes din Timisoara nr. 5644/26.06.2014** – Se aproba solicitarea Departamentului I din cadrul Facultatii de Medicina Dentara de a fi reprezentat de catre Conf. Univ. Dr. Cosmin Sinescu in Consiliul Profesorat al Facultatii de Medicina Dentara in calitate de membru cu drepturi depline;

**Adresa nr. 12997/12.11.2014** – legata de participarea in calitate de membru al subcomisiei Medicina II pentru concursul de rezidentiat, sesiunea 23 noiembrie 2014;

**Aptitudini și competențe personale**

Stomatologie Generala, Simulare Numerica, Fotoelasticitate, Evaluari invazive si noninvazive, Tehnici Optoelectronice, Investigatii MicroCT utilizand radiatia Sicrotron.

Limba(i) maternă(e)

Romana

Limba(i) străină(e) cunoscută(e)

Autoevaluare

Nivel european (\*)

Limba Engleza

Limba Franceza

	Înțelegere		Vorbire		Scriere
	Ascultare	Citire	Participare la conversație	Discurs oral	Exprimare scrisă
1	B2	B2	B2	B2	B2
2	B2	B2	B2	B2	B2

(\*) Nivelul Cadrului European Comun de Referință Pentru Limbi Străine

Competențe și abilități sociale

PR in cadrul manifestarilor sociale

Competențe și aptitudini organizatorice	<ol style="list-style-type: none"> <li>1. Primul Congres de Aplicații ale Laserului În Medicina Dentară, 2005 – membru comitetul de organizare;</li> <li>2. Al II-lea Congres de Aplicații ale Laserului În Medicina Dentară, 2007– membru comitetul de organizare;</li> <li>3. Al III-lea Congres de Aplicații ale Laserului În Medicina Dentară, 2009 – membru comitetul de organizare;</li> <li>4. 4th International Conference „Biomaterials, Tissue Engineering &amp; Medical Devices” – membru comitetul de organizare;</li> <li>5. The 4th International Conference on Advanced Materials and Structures AMS 2011 ” – membru comitetul științific și de organizare;</li> <li>6. Al IV-lea Congres de Aplicații ale Laserului În Medicina Dentară, 2011 – membru comitetul de organizare;</li> <li>7. Al V-lea Congres de Aplicații ale Laserului În Medicina Dentară, 2013 – membru comitetul de organizare;</li> <li>8. ICS 2013 : International Conference on Stomatology - Bangkok, Thailand - – membru comitetul științific;</li> <li>9. The Days of „Victor Babes” University of Medicine and Pharmacy Timisoara 2014 – membru în comitetul științific și în comitetul organizatoric;</li> <li>10. Al VI-lea Congres de Aplicații ale Laserului În Medicina Dentară, 2015 – membru comitetul științific;</li> </ol>
Competențe și aptitudini tehnice	Utilizarea de dispozitive tehnice și tehnologice implicate în tehnica dentară, stomatologie, optica electronică, holografie, investigații invazive și noninvazive
Competențe și aptitudini de utilizare a calculatorului	Utilizare PC
Competențe și aptitudini artistice	Dans sportiv
Alte competențe și aptitudini	Literatură și filme science fiction
Permis(e) de conducere	Dețin un permis de conducere, categoria B, C, E

## Informații suplimentare

### Organizari Cursuri Postuniversitare:

- [1] Meda Negruțiu, Mihai Romînu, Cosmin Sinescu – Posibilități tehnologice de realizare a protezelor parțiale mobilizabile cu baze flexibile, Universitatea de Medicină și Farmacie „Victor Babeș” din Timișoara, Facultatea de Medicină Dentară, 24 – 26.11.2005.
- [2] Meda Negruțiu, Mihai Romînu, Cosmin Sinescu, Zeno Florița – Tehnologii alternative de realizare a protezelor dentare mobile, Universitatea de Medicină și Farmacie „Victor Babeș” din Timișoara, Facultatea de Medicină Dentară, 27 – 29.11.2005.
- [3] Marius Leretter, Cosmin Sinescu, Meda Negruțiu, Mihai Romînu – Metode moderne de determinare a culorii dentare, Universitatea de Medicină și Farmacie „Victor Babeș” din Timișoara, Facultatea de Medicină Dentară, 11 – 12.11.2006.
- [4] Cosmin Sinescu, Meda Negruțiu, Mihai Romînu – Tehnologii alternative de solidarizare a protezelor parțiale fixe, Universitatea de Medicină și Farmacie „Victor Babeș” din Timișoara, Facultatea de Medicină Dentară, 18 – 19.11.2005.
- [5] Meda Negruțiu, Mihai Romînu, Cosmin Sinescu – Tehnologii alternative de realizare a protezelor dentare, Universitatea de Medicină și Farmacie „Victor Babeș” din Timișoara, Facultatea de Medicină Dentară, 24 – 26.11.2006.

### Granturi:

- [1] Grant CNCSIS At 54- Studii numerice și experimentale ale procedeeleor restauratoare directe și indirecte ale aparatului dento-maxilar cu materiale heterogene - Romînu M. (director de proiect), Negruțiu M, Sinescu C., Lakatos S. - perioada 2001-2002 - contract nr.35535/2001, grant nr.5
- [2] Grant CNCSIS At 13/2005 - Elaborarea unei tehnologii și instalații de generare a protezelor parțiale fixe și studiul interfețelor acestora cu țesuturile dure dentare - Negruțiu Meda (director de proiect), Sinescu C., Florița Z., Morcovescu V., Stoia Adelina, Agache Flavia - perioada 2005-2006 - tema nr.1, cod CNCSIS At 13
- [3] Grant CEEX\_ET 41/2006- Tehnici neconvenționale de evaluare și optimizare a protezelor dentare - Negruțiu Meda (director de proiect), Sinescu C., Florița Z., Morcovescu V., Demian Camelia, Bodnărășesc Nicoleta, contract 1446/29.03.2006
- [4] Grant CEEX ET 40/2006, contract 1422/2006, Metode modern de investigație, analiza și prognostic nedistructive în medicina dentară, Sinescu Cosmin - director de proiect 2006 – 2008.
- [5] Grant CEEX ET 122/2006, Modulul II – Resurse Umane, Prognosticul oportunității, securității și eficienței mezostructurilor și a suprastructurilor protetice în funcție de designul acestora și materialul din care sunt realizate în terapia implantologică, Sinescu Cosmin - director de proiect 2007 – 2008.
- [6] Grant CEEX 82/2006, P-CDI (modulul I) - Optimizarea tratamentelor dento-parodontale prin utilizarea tehnologiei laser – Testări multidisciplinare - Sinescu C.- membru în echipa de cercetare (director de proiect - Prof.Dr.Todea Carmen) - 2006-2008
- [7] Grant CNCSIS A 1032/2007 - Optimizarea comportamentului biomecanic al protezelor parțiale prin introducerea unui nou sistem special de menținere sprijin stabilizare și generarea unor măsuri moderne de igienizare și întreținere, Negruțiu Meda (director de proiect), Romînu Mihai, Sinescu Cosmin, Florița Zeno, Pop Daniela, Stoia Adelina, Romînu Roxana, Todea Carmen, Miron Marian, Soicu Sebastian, Marcauteanu Corina, 2007-2008
- [8] Grant PNII Idei 1741 - Metode neconvenționale de analiză și prognostic pentru tehnologii moderne de realizare a protezelor dentare, Sinescu Cosmin - director de proiect, Negruțiu Meda, Romînu Mihai, Florița Zeno, Negru Radu, 2009-2011
- [9] Grant PNII Idei 1754 - Depistarea precoce și monitorizarea efectelor bruxismului prin metode moderne, Mărcăuțeanu Corina (director de proiect), Negruțiu Meda, Sinescu Cosmin, Stoica Tunde Eniko, Goguta Luciana, Jivanescu Anca
- [10] Grant TE 219 - Metode neconvenționale de analiză neinvazivă și prognostic în medicina dentară, Sinescu Cosmin - director de proiect 2010 – 2013.
- [11] Grant POSDRU, 4D-POSTDOC, contract nr. POSDRU/89/1.5/S/52603, Dezvoltarea și susținerea de programe postdoctorale multidisciplinare în domenii tehnice prioritare ale strategiei naționale de cercetare - dezvoltare – inovare. Proiect cofinanțat din Fondul Social European prin Programul Operațional Sectorial pentru Dezvoltarea Resurselor Umane 2007 – 2013 Axa prioritară: 1 „Educația și formarea profesională în sprijinul creșterii economice și dezvoltării societății bazate pe cunoaștere” Domeniul major de intervenție: 1.5 „Programe doctorale și postdoctorale în sprijinul cercetării”, Sinescu Cosmin - director de proiect 2010 – 2013.
- [12] Grant PN II – Program PARTENERIATE (Proiect PCCA de tip 2 – cu cofinanțare), Sisteme pentru Tomografia Optică de Coerență (OCT) cu dispozitive de mână și endoscopice pentru investigații în timp real în știința materialelor și in vivo în domeniul biomedical Sinescu C.- membru în echipa de cercetare (director de proiect - Prof. Duma Virgil) - 2012-2015.
- [13] Grant International, COST Action MP 1005 From nano to macro biomaterials (design, processing, characterization, modeling) and applications to stem cells regenerative orthopedic and dental medicine (NAMABIO) from Romanian part, Sinescu C.- membru în echipa de cercetare.

1.

2.

**Anexe** Membru (incluzând statutul de recenzor) în colectivele de redacție ale unor reviste (cotate ISI sau incluse în baze de date internaționale) sau în colective editoriale ale unor edituri internaționale recunoscute:

- [1] Journal of the Optical Society of America A: Optics, Image Science & Vision - 1084-7529 (print); 1520-8532 (online);
- [2] Journal of the Optical Society of America B: Optical Physics (JOSA B) - 0740-3224 (print), 1520-8540 (online);
- [3] Applied Optics, 0003-6935 (print), 1539-4522 (online);
- [4] Optics Letters, 0146-9592 (print), 1539-4794 (online);
- [5] Journal of Optical Networking, 1536-5379;
- [6] Virtual Journal for Biomedical Optics, 1931-1532;
- [7] Journal of Lightwave Technology, 0733-8724;
- [8] Journal of Optical Technology, 1070-9762;
- [9] Journal of Display Technology, 1551-319X.;
- [10] Applied Spectroscopy, 0003-7028;
- [11] Chinese Optics Letters, 1671-7694;
- [12] Optics Express, 1094-4087;

Expert evaluator al cercetării științifice naționale / internaționale:  
CNCSIS, CNMP (www.cdi-experti.ro)

H-indexul (calculat de pe Web of Knowledge).

h = 6

#### ARTICOLE PUBLICATE IN EXTENSOR IN REVISTE COTATE ISI CA PRIM AUTOR/AUTOR PRINCIPAL

[1]. Oancea, R (Oancea, Roxana); Bradu, A (Bradu, Adrian); **Sinescu, C (Sinescu, Cosmin)**; Negru, RM (Negru, Radu Marcel); Negrutiu, ML (Negrutiu, Meda Lavinia); Antoniac, I (Antoniac, Iulian); Duma, VF (Duma, Virgil-Florin); Podoleanu, AG (Podoleanu, Adrian Gh), Assessment of the sealant/tooth interface using optical coherence tomography, JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, Volume: 29, Issue: 1, Pages: 49-58, DOI: 10.1080/01694243.2014.974879, Published: JAN 2 2015.

Reprint Address: **Sinescu, C (reprint author)**, Victor Babes Univ Med & Pharm Timisoara, Sch Dent, 2 Eftimie Murgu Pl, Timisoara 300041, Romania.

- **2013 Impact Factor for the Journal: 1.153**

[2]. Boariu, M (Boariu, Marius); Marinescu, A (Marinescu, Adrian); Krlev, A (Krlev, Alexander); Clonda, C (Clonda, Cezar); Negrutiu, ML (Negrutiu, Meda-Lavinia); Sinescu, C (Sinescu, Cosmin), Free Radicals and Oxidative Stress in Periodontal Disease, REVISTA DE CHIMIE, Volume: 65, Issue: 12, Pages: 1477-1479, Published: DEC 2014.

Reprint Address: **Sinescu, C (reprint author)**, Victor Babes Univ Med & Pharm, Fac Med Dent, 9 Revolutiei 1989 Blvd, Timisoara 300070, Romania.

- **2013 Impact Factor for the Journal: 0.677**

[3]. Rusu, LC (Rusu, Laura Cristina); Bortun, CM (Bortun, Cristina-Maria); Hoinoiu, B (Hoinoiu, Bogdan); Negrutiu, ML (Negrutiu, Meda-Lavinia); Ardelean, L (Ardelean, Lavinia); Podariu, AC (Podariu, Angela Codruta); Sinescu, C (Sinescu, Cosmin), REVISTA DE CHIMIE, Volume: 65, Issue: 12, Pages: 1495-1497, Published: DEC 2014.

Reprint Address: **Sinescu, C (reprint author)**, Univ Med & Pharm Victor Babes Timisoara, Dent Med Dept 1, Fac Dent, 2 Eftimie Murgu Sq, Timisoara 300041, Romania.

- **2013 Impact Factor for the Journal: 0.677**

[4]. Craciunescu, MC (Craciunescu, Mihaela Cristiana); Negrutiu, ML (Negrutiu, Meda Lavinia); Hogeia, E (Hogeia, Elena); Freiman, PC (Freiman, Paul Cornel); Boariu, M (Boariu, Marius); Craciunescu, E (Craciunescu, Emanuela); **Sinescu, C (Sinescu, Cosmin)**, Bacteriostatic Effect of Silver Nanoparticles over Acrylic Resin and Composite Dental Materials, MATERIALE PLASTICE, Volume: 51, Issue: 4, Pages: 414-416, Published: DEC 2014.

- **2013 Impact Factor for the Journal: 0.463**

[5]. Pop, DM (Pop, Daniela Maria); Negrutiu, ML (Negrutiu, Meda-Lavinia); Craciunescu, E (Craciunescu, Emanuela); Seche, E (Seche, Eliza); Freiman, PC (Freiman, Paul Cornel); **Sinescu, C (Sinescu, Cosmin)**, AFM Investigation of Metal-Composite Resin Interfaces, MATERIALE PLASTICE Volume:51, Issue: 3, Pages: 293-295, Published: SEP 2014.

- **2013 Impact Factor for the Journal: 0.463**

[6]. **Sinescu, C (Sinescu, Cosmin)**; Rusu, LC (Rusu, Laura Cristina); Seche, E (Seche, Eliza); Freiman, PC (Freiman, Paul Cornel); Craciunescu, EL (Craciunescu, Emanuela Lidia); Negrutiu, ML (Negrutiu, Meda Lavinia), An Imagistic Approach on Resin Composite Class I Dental Fillings with Improved Adhesive with Ferric Nanoparticles, MATERIALE PLASTICE, Volume:51, Issue: 3, Pages: 336-339, Published: SEP 2014.

- **2013 Impact Factor for the Journal: 0.463**

[7]. Velea, OA (Velea, Oana-Alexandra); **Sinescu, C (Sinescu, Cosmin)**; Zeicu, C (Zeicu, Corneliu); Freiman, PC (Freiman, Paul Cornel); Velea, PI (Velea, Puiu Iulian); Onisei, D (Onisei, Doina); Duma, VF (Duma, Virgil-Florin), Evaluation of Periodontal Pockets using Different Biomaterials A preliminary study, REVISTA DE CHIMIE Volume: 65, Issue: 9, Pages:1063-1066, Published: SEP 2014.

Reprint Address: **Sinescu, C (reprint author)**, Univ Med & Pharm Victor Babes Timisoara, Dent Med Dept 1, Fac Dent, 2 Eftimie Murgu Sq, Timisoara 300041, Romania.

- **2013 Impact Factor for the Journal: 0.677**

[8]. Craciunescu, MC (Craciunescu, Mihaela Cristiana); Craciunescu, EL (Craciunescu, Emanuela Lidia); **Sinescu, C (Sinescu, Cosmin)**; Rusu, LC (Rusu, Laura Cristina); Licker, M (Licker, Monica); Hoge, E (Hoge, Elena); Negrutiu, ML (Negrutiu, Meda Lavinia), Silver Nanoparticles Bacteriostatic Effect over Dentures Infected with Candida Albicans, REVISTA DE CHIMIE Volume: 65, Issue: 9, Pages: 1067-1071, Published: SEP 2014.

Reprint Address: **Sinescu, C (reprint author)**, Univ Med & Farm Timisoara, Dept 1, Fac Dent, Discipline Propedeut & Dent Mat, 2 Eftimie Murgu Sq, Timisoara 300041, Romania.

- **2013 Impact Factor for the Journal: 0.677**

[9]. Rusu, LC (Rusu, Laura Cristina); Seche, E (Seche, Eliza); Freimann, PC (Freimann, Paul Cornel); Hoinoiu, B (Hoinoiu, Bogdan); Negrutiu, ML (Negrutiu, Meda Lavinia); Ardelean, L (Ardelean, Lavinia); **Sinescu, C (Sinescu, Cosmin)**, Synchrotron Radiation X-Ray micro-CT evaluation of Bone Augmentation, REVISTA DE CHIMIE, Volume: 65, Issue: 9, Pages: 1114-1116, Published: SEP 2014.

Reprint Address: **Sinescu, C (reprint author)**, Univ Med & Farm Timisoara, Dept 1, Fac Dent, Discipline Propedeut & Dent Mat, 2 Eftimie Murgu Sq, Timisoara 300041, Romania.

- **2013 Impact Factor for the Journal: 0.677**

[10]. **Sinescu, C (Sinescu, Cosmin)**; Timofte, C (Timofte, Costin); Stan, AT (Stan, Adrian-Tudor); Cojocariu, AC (Cojocariu, Andreea-Codruta); Eremia, C (Eremia, Claudiu); Freiman, PC (Freiman, Paul Cornel); Miladinov, M (Miladinov, Milos); Negrutiu, ML (Negrutiu, Meda-Lavinia); Stratul, SI (Stratul, Stefan-Ioan), Dimensional Changes Approach Alginate Impressions, REVISTA DE CHIMIE, Volume: 65, Issue: 8, Pages: 983-985, Published: AUG 2014.

- **2013 Impact Factor for the Journal: 0.677**

[11]. Marcauteanu, C (Marcauteanu, Corina); Stoica, ET (Stoica, Enikoe Tuende); Bortun, C (Bortun, Cristina); Negrutiu, ML (Negrutiu, Meda-Lavinia); Sinescu, C (Sinescu, Cosmin); Tudor, A (Tudor, Anca), Advantages of a Polyethylene Terephthalate Glycol-modified Coated with a Thermoplastic Polyurethane as an Occlusal Appliance Material, REVISTA DE CHIMIE, Volume: 65, Issue: 6, Pages: 734-736, Published: JUN 2014.

Reprint Address: **Sinescu, C (reprint author)**, Univ Med & Farm Timisoara, Dept 1, Fac Dent, Discipline Propedeut & Dent Mat, 2 Eftimie Murgu Sq, Timisoara 300041, Romania.

- **2013 Impact Factor for the Journal: 0.677**

[12]. Marcauteanu, C (Marcauteanu, Corina); Bradu, A (Bradu, Adrian); **Sinescu, C (Sinescu, Cosmin)**; Topala, FI (Topala, Florin Ionel); Negrutiu, ML (Negrutiu, Meda Lavinia); Podoleanu, AG (Podoleanu, Adrian Gh.), Quantitative evaluation of dental abfraction and attrition using a swept-source optical coherence tomography system, JOURNAL OF BIOMEDICAL OPTICS, Volume: 19, Issue: 2, Article Number: 021108, DOI: 10.1117/1.JBO.19.2.021108, Published: FEB 2014.

Reprint Address: **Sinescu, C (reprint author)**, Univ Med & Farm Timisoara, Fac Med Dent, Timisoara 300041, Romania.

- **act Factor for the Journal: 2.752**

[13]. **Sinescu C.**, Marsavina L, Cernescu A., Asymptotic stress field for the interface between teeth and different restorative materials, Computational Materials Science, Vol 59, Pages 57 – 64, 2012.

[14]. **Sinescu C.**, Marsavina L, Negrutiu ML, Rusu LC, Ardelean L, Rominu M, Antoniac I, Topala FI, Podoleanu AGh, New Metallic Nanoparticles Modified Adhesive Used for Time Domain Optical Coherence Tomography Evaluation of Class II Direct Composite Restoration, REV CHIM – Bucharest, vol.63, nr.4, 380-383, 2012

[15]. **Sinescu C.**, Negrutiu ML, RominuRO, Rusu LC, TopalaFI, Rominu M, Ardelean L, Podoleanu AGh, Time Domain Optical Coherence Tomography Evaluation of Polymeric Fixed Partial Prostheses, MATERIALE PLASTICE, 49 (1): 58-61, Mars 2012

[16]. **Sinescu C.**, Marsavina L, Negrutiu ML, Rusu LC, Ardelean L, Ionita C, Podoleanu AGh, Rominu M, Topala FI, Confocal Microscopy Combined with Time Domain Optical Coherence Tomography and Micro Computer Tomography in Interface Evaluation of Class II Direct Composite Restoration, REV CHIM-BUCHAREST, 62 (10): 1039-1041, 0034-7752, Oct 2011

[17]. Bereteu L., Draganescu GE, Stanescu D, **Sinescu C.**, Quantitative measurement of speech sound with the aid of minimum variance spectral estimation method for dentistry use, Computer Method in Biomechanics and Biomedical Engineering, vol 14, Iss 12, pages 1097 – 1104, 2011.

[18]. **Sinescu, C.**; Negrutiu, ML; Todea, C; Balabuc, C; Filip, L; Rominu, R; Bradu, A; Hughes, M; Podoleanu, AG - Quality assessment of dental treatments using en-face optical coherence tomography,; JOURNAL OF BIOMEDICAL OPTICS 13 (5): Art no. 054065(1-8), ISSN 1083-3668, sept-oct 2008

[19]. **Sinescu C.**, Draganescu G, Dodenciu D, Negrutiu M, Rominu M, Quantitative Parameters which Describes Speech Sounds Distortions due to Inadequate Dental Mounting, PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS, 387 (5-6): 1205-1217, 2008

#### ARTICOLE PUBLICATE IN EXTENSOR IN REVISTE COTATE ISI CA SI COAUTOR

1. Eliza Seche, Emanuela Lidia Craciunescu, **C. Sinescu**, Meda Lavinia Negrutiu, M. Leretter, M. Rominu, Imagistic Evaluation of the Polymeric Fixed Partial Prosthesis, Rev Materiale Plastice, ISSN 0025 / 5289, Vol. 51, nr. 2, iunie 2014.

- **2013 Impact Factor for the Journal: 0.463**

2. Emanuela Lidia Craciunescu, Carmen Sticlaru, Eliza Seche, PC Freiman, **Sinescu C.**, Meda Lavinia Negrutiu, Numerical Simulation of Polymeric Removable Partial Dentures, Materiale Plastice, vol 51, nr. 3, 2014.

- **2013 Impact Factor for the Journal: 0.463**

3. Cristina Krems, **C. Sinescu**, P. C. Freiman, Andreea-Codruta Cojocariu, Meda Lavinia Negrutiu, Codruta Angela Podariu, Influence of Different Coloured Solutions on Some Plastics used for Prosthetic Restoration Materials, ISSN 0025 / 5289, Vol. 51, nr. 3, septembrie 2014.

- **2013 Impact Factor for the Journal: 0.463**

4. Rominu M., Manescu A., **Sinescu C.**, Negrutiu M. L., Topala F., Rominu R., Bradu A., Jackson D. A., Giuliani A., Podoleanu A. Gh., Zirconia Enriched Dental Adhesive: a Solution for OCT Contrast Enhancement. Demonstrative Study by Synchrotron Radiation Microtomography, Dental Materials 30(4), 417-423 (2014)

- **2013 Impact Factor for the Journal: 4.160**

5. Demian D., Duma V. F., **Sinescu C.**, Negrutiu M. L., Cernat R., Topala F. I., Hutiu Gh., Bradu A., and Podoleanu A. Gh., Design and testing of prototype handheld scanning probes for optical coherence tomography, J of Engineering in Medicine 228(8), 743-753 (2014); ISSN 0954-4119;

- **2013 Impact Factor for the Journal: 1.144**
6. Matei, C (Matei, Clara); Tampa, M (Tampa, Mircea); Georgescu, SR (Georgescu, Simona-Roxana); Poteca, T (Poteca, Teodor); **Sinescu, C (Sinescu, Cosmin)**; Topala, FI (Topala, Florin Ionel); Halga, A (Halga, Adrian); Podoleanu, A (Podoleanu, Adrian), *Plastinated Tissue Evaluation by Optical Coherence Tomography*, REVISTA DE CHIMIE, Volume: 64, Issue: 7, Pages: 713-714, Published: JUL 2013.
    - **2013 Impact Factor for the Journal: 0.677**
  7. Canjau, S (Canjau, Silvana); **Sinescu, C (Sinescu, Cosmin)**; Todea, C (Todea, Carmen); Topala, F (Topala, Florin); Rusu, LC (Rusu, Laura Cristina); Paraschivescu, EG (Paraschivescu, Eduard Gadea); Podoleanu, AGH (Podoleanu, Adrian G. H.), *Optical Coherence Tomography As An Alternative Method for Excisional Biopsy in Oral Pathology*, REVISTA DE CHIMIE, Volume: 64, Issue: 7, Pages: 733-735, Published: JUL 2013.
    - **2013 Impact Factor for the Journal: 0.677**
  8. Tampa, M (Tampa, Mircea); Matei, C (Matei, Clara); Georgescu, SR (Georgescu, Simona-Roxana); Poteca, T (Poteca, Teodor); **Sinescu, C (Sinescu, Cosmin)**; Topala, FI (Topala, Florin Ionel); Negrutiu, ML (Negrutiu, Meda Lavinia); Podoleanu, A (Podoleanu, Adrian), *Time Domain Optical Coherence Tomography Evaluation of the Human Skin*, REVISTA DE CHIMIE, Volume: 64, Issue: 5, Pages: 557-558, Published: MAY 2013.
    - **2013 Impact Factor for the Journal: 0.677**
  9. Rominu R.O., Popa M., **Sinescu C.**, Negrutiu M.L., Pop D.M., Rusu L.C., Rominu M., Topala F., Podoleanu A.G., *The Use of Spectral Domain Optical Coherence Tomography in Orthodontics*, Materiale Plastice, 49, (2), pages 99-100, 2012.
    - **2013 Impact Factor for the Journal: 0.463**
  10. Negrutiu ML, **Sinescu C.**, Topala FI, Goguța L, Mărcăuțeanu C, Ogodescu A, Rominu M, Podoleanu AGH, *Defectoscopy of denture polymers*, MATERIALE PLASTICE , 49 (2) pages 129 – 132, 2012.
    - **2013 Impact Factor for the Journal: 0.463**
  11. Petrescu EL, Rominu M, Negrutiu ML, **Sinescu C.**, Fabricky M, Ardelean L, Rusu LC, Topala FI, *AFM Analysis of Conditioned IPS Empress Ceramic Core*, REV CHIM – Bucharest, vol.63, pages 584-586, 2012.
    - **2013 Impact Factor for the Journal: 0.677**
  12. Fabricky M, Todea C, **Sinescu C.**, Negrutiu ML, Ardelean L, Petrescu EL, Bratu C, Topala FI, Podoleanu AGH, Bratu EA, *Integral Ceramic Inlay Evaluation by Time Domain Optical Coherence Tomography*, REV CHIM – Bucharest, vol.63, pages 633-635, 2012.
    - **2013 Impact Factor for the Journal: 0.677**
  13. Manole M, **Sinescu C.**, De Sabata A, Negrutiu ML, Bratu C, Rusu LC, Stratul S, Rominu M, Ducea D, Borzea D, *Gingival Margins Retractions Evaluated by Holographic Methods*, REV CHIM – Bucharest, vol.63, pages 626-628, 2012.
    - **2013 Impact Factor for the Journal: 0.677**
  14. Rominu M., Florita Z., **Sinescu C.**, Rusu LC, Enescu M, Tudor A., Rominu RO, *Cervical Microleakage in Class II Chemically Conditioned Cavities*, REV CHIM – Bucharest, vol.63, nr.2, 198-199, 2012
    - **2013 Impact Factor for the Journal: 0.677**
  15. Bratu C, Ogodescu A., Ardelean L., **Sinescu C.**, Matei C., Tampa M., Dodenciu D., Draganescu G., Rusu LC, *Laser Microspectral Investigation of the Orthodontic Attachments*, Rev de chimie, vol 63, Iss 3, pages 272-274, 2012.
    - **2013 Impact Factor for the Journal: 0.677**
  16. Petrescu EL, Rominu M, Negrutiu ML, **Sinescu C.**, Fabricky M, Ardelean L, Rusu LC, Topala FI, *Comparative and Non-invasive Study of Two Different Ceramic Materials*, REV CHIM – Bucharest vol.63, nr.2, 179-181, 2012
    - **2013 Impact Factor for the Journal: 0.677**
  17. Pop D-M, Rominu M, Topala FI, **Sinescu C.**, Dodenciu D, Rominu RO, Ardelean L, Rusu LC, Andoni M, Petrescu E-L, Negrutiu ML, *Laser Weldings Versus Electrical Weldings in Dental Technology A corrosion approach study* , REV CHIM-BUCHAREST, 62 (12): 1203-1205, 0034-7752, dec 2011
    - **2013 Impact Factor for the Journal: 0.677**
  18. Negrutiu ML, **Sinescu C.**, Draganescu G, Rominu RO, Rominu M, Rusu LC, Ardelean L, Pop DM, Petrescu EL, Podoleanu AGH, Topala FI, *Laser Microspectral Analysis for Validation of en-face OCT Imagistic Evaluation of Micro leakage between the Metallic Framework and Veneer Materials in Fixed Partial Prosthesis*, REV CHIM-Bucharest, 62 (12): 1185-1188, 0034-7752, Dec 2011
    - **2013 Impact Factor for the Journal: 0.677**
  19. Rominu RO, Rominu M, Rusu LC, **Sinescu C.**, Ardelean L, Pop DM, Petrescu EL, Negrutiu ML, *The Effect of Surface Treatment on Human Enamel - a SEM/EDAX Study*, REV CHIM-BUCHAREST, 62 (9): 937-940, 0034-7752, Sept 2011
    - **2013 Impact Factor for the Journal: 0.677**
  20. Rominu M, Florita Z, Rominu RO, **Sinescu C.**, Negrutiu ML, Petrescu EL, Pop DM, Enescu M, Tudor A, *The Influence of Silanes on Microleakage in Class V Compomer-filled Cavities*, REV CHIM-BUCHAREST, 62 (8): 849 – 852, 0034-7752, aug 2011
    - **2013 Impact Factor for the Journal: 0.677**
  21. Rusu LC, Ardelean L, Negrutiu ML, Dragomirescu AO, Albu MG, Ghica MV, Topala FI, Podoleanu A, **Sinescu C.**, *SEM for the General Structural Features Assessing of the Synthetic Polymer Scaffolds*, REV CHIM-BUCHAREST, 62 (8): 841 – 845, 0034-7752, aug 2011
    - **2013 Impact Factor for the Journal: 0.677**
  22. Todea C, Bălăbuc C, **Sinescu C.**, Filip L, Kerezsi C, Călniceanu M, Negrutiu M, Brudu A, Hughes M, Podoleanu A, *En face optical coherence tomography investigation of apical microleakage after laser-assisted endodontic treatment*, LASERS IN MEDICAL SCIENCE, vol. 25, nr.5, 629-639, DOI: 10.1007/s10103-009-0680-5, 2010

PROCEEDINGS LA CONGRESE CE SE GASESC PE ISI WEB OF KNOWLEDGE/AUTOR

**Sinescu, C (Sinescu, Cosmin)**; Bradu, A (Bradu, Adrian); Topala, FI (Topala, Florin Ionel); Negrutiu, ML (Negrutiu, Meda Lavinia); Duma, VF (Duma, Virgil-Florin); Podoleanu, AG (Podoleanu, Adrian Gh.), *Integral Ceramic Superstructure Evaluation using Time Domain Optical Coherence Tomography*, LASERS IN DENTISTRY XX Edited by: Rechmann P; Fried D, Book Series: Proceedings of SPIE Volume: 8929,



DOI: 10.1117/12.2039618, Conference Title: Conference on Lasers in Dentistry XX, Conference Date: FEB 02, 2014, Conference Location: San Francisco, CA, Published: 2014.

**Sinescu, C (Sinescu, Cosmin);** Topala, FI (Topala, Florin Ionel); Negrutiu, ML (Negrutiu, Meda Lavinia); Duma, VF (Duma, Virgil-Florin); Podoleanu, AG (Podoleanu, Adrian Gh.), Temperature Variation in Metal Ceramic Technology Analyzed using Time Domain Optical Coherence Tomography, FIFTH INTERNATIONAL CONFERENCE ON LASERS IN MEDICINE: BIOTECHNOLOGIES INTEGRATED IN DAILY MEDICINE Edited by: Todea C; Podoleanu AG; Duma VF, Book Series: Proceedings of SPIE Volume: 8925, Article Number:89250X, DOI: 10.1117/12.2041752, Conference Title: 5th International Conference on Lasers in Medicine - Biotechnologies Integrated in Daily Medicine, Conference Date:SEP 19-21, 2013, Conference Location: Timisoara, ROMANIA, Published: 2014.

**Sinescu C;** Negrutiu M, Topala F, Ionita C, Negru R, Fabriky M, Marcauteanu C, Bradu A, Dobre G, Marsavina L, Rominu M, Podoleanu, A, Ceramic and Polymeric Dental Onlays Evaluated by Photo elasticity, Optical Coherence Tomography and Micro Computed Tomography, Optical Complex Systems: OCS11, Proc. of SPIE, 8172 (Art Nr 817208): 817208-1 - 817208-7, 0277-786X, Sept 2011

**Sinescu C;** Negrutiu ML, Ionita C, Marsavina L, Negru R, Topala F, Petrescu E, Rominu R, Fabriky M, Bradu A, Rominu M, Podoleanu AG, Biomedical Implications of Dental Ceramic Defects Investigated by Numerical Simulation, Radiographic, Microcomputer Tomography and Time Domain Optical Coherence Tomography, Optical Complex Systems: OCS11, Proc. of SPIE, 8172 (Art Nr 817207): 817207-1 - 817207-5, 0277-786X, Sept 2011

**Sinescu, C (Sinescu, C.);** Negrutiu, ML (Negrutiu, M. L.); Duma, VF (Duma, V. F.); Marcauteanu, C (Marcauteanu, C.); Topala, FI (Topala, F. I.); Rominu, M (Rominu, M.); Bradu, A (Bradu, A.); Podoleanu, AG (Podoleanu, A. Gh.), Evaluation of Metal-Polymeric Fixed Partial Prosthesis using Optical Coherence Tomography, 8TH IBEROAMERICAN OPTICS MEETING AND 11TH LATIN AMERICAN MEETING ON OPTICS, LASERS, AND APPLICATIONS, Edited by: Costa MFPCM, Book Series: Proceedings of SPIE Volume: 8785, Article Number:8785EH, DOI: 10.1117/12.2027502, Conference Title: 8th Iberoamerican Optics Meeting and 11th Latin American Meeting on Optics, Lasers, and Applications, Conference Date: JUL 22-26, 2013, Conference Location: Porto, PORTUGAL, Published: 2013.

**Sinescu C;** Negrutiu ML, Ionita C, Topala F, Petrescu E, Rominu R, Pop DM, Marsavina L, Negru R, Bradu A, Rominu M, Podoleanu, AG, Radiographic, microcomputer tomography, and optical coherence tomography investigations of ceramic interfaces, Optical Sensors and Biophotonics II, Proc. of SPIE-OSA-IEEE Asia Communications and Photonics, 7990 (Art Nr 79900W): 79900W-1 - 79900W-8, 0277-786X, ian 2011.

**Sinescu C;** Negrutiu M, Ionita C, Negru R, Marsavina L, Topala F, Rominu R, Petrescu E, Ogodescu A, Fabricky M, Bradu A, Dobre G, Rominu M, Podoleanu A, Ceramic Veneers Integrity Investigation by Optical Coherence Tomography and MicroComputer Tomography, Selected topics in applied computing, Applied computing conference 2010 (ACC '10), Timișoara, RO, oct.21-23 2010, Published By WSEAS Press, www.wseas.org, Proceedings of WSEAS, pg.97-101, 1792-5908, oct 2010

**Sinescu C;** Negrutiu ML; Ionita C; Marsavina L; Negru R; Caplescu C; Bradu A; Topala F; Rominu RO; Petrescu E; Leretter M; Rominu M; Podoleanu AG, Morphological Characterization of Dental Prostheses Interfaces using Optical Coherence Tomography, Progress In Biomedical Optics And Imaging/Proceedings of SPIE, Medical Imaging 2010: Biomedical Applications in Molecular, Structural, and Functional Imaging, Vol. 11, No. 36, /Vol.7626 pg.76260P-1 76260P-6, San Diego, California, United States, 14-16 February 2010

**Sinescu, C.,** Negrutiu, M., Birtea N.M., Petrescu, E., Rominu R.O., Mărcăuțeanu C, Demjan E., Cuc L., Hughes, M., Bradu, A., Dobre, G., Rominu, M., Podoleanu A. G., Time domain and spectral optical coherence tomography investigations of integral ceramic fixed partial dentures, Advances in Maritime and Naval Sciences and Engineering, Proceedings of 2nd International Conference on Maritime and Naval Sciences and Engineering, (MN09), Brasov, sept.24-26, 2009, Proc. of WSEAS, 2009, pg.77-81, ISSN: 1790-2769, ISBN 978-960-474-120-5, 2009

**Sinescu, C.,** Negrutiu, M., Pop, D., Cuc, L., DeSabata, A., Negru, R., Hluscu, M., Rominu, M., Marcauteanu, C., Demjan, E., Bradu, A., Antoniac, I., Dobre, G., Podoleanu, A., The importance of holograms in dentistry (Proceedings Paper), SPIE Europe 2009: Optics and Optoelectronics. Holography: Advances and Modern Trends, Proc. SPIE, 2009, vol. 7358, pg 73580J.1-73580J.10, 1605-7422, apr 2009

**Sinescu, C.,** Negrutiu, M., Petrescu, E., Rominu, M., Mărcăuțeanu C, Rominu R.O., Hughes, M., Bradu, A., Dobre, G., Podoleanu A. G., Marginal adaptation of ceramic veneers investigated with en face optical coherence tomography (Proceedings Paper), Progress In Biomedical Optics And Imaging, European Conference on Biomedical Optics 2009: Optical Coherence Tomography and Coherence Techniques IV, Proc. SPIE, 2009, vol. 7372, pg 73722C.1 -73722C.6, 1605-7422, 2009

**Sinescu, C.,** Negrutiu, M., Pop, D., Cuc, L., DeSabata, A., Negru, R., Hluscu, M., Rominu, M., Marcauteanu, C., Demjan, E., Bradu, A., Antoniac, I., Dobre, G., Podoleanu, A., The importance of holograms in dentistry (Proceedings Paper), SPIE Europe 2009: Optics and Optoelectronics. Holography: Advances and Modern Trends, Proc. SPIE, 2009, vol. 7358, pg 73580J.1-73580J.10, 1605-7422

**Sinescu, C.,** Negrutiu, M. L., Antonie, S., Dobre, G., Bradu, A., Hughes, M., Rominu, M., Podoleanu, A. G., Marginal adaptation analysis performed with en face optical coherence tomography in fixed partial dentures (Proceedings Paper), Progress In Biomedical Optics And Imaging, Medical Imaging 2009: Physics of Medical Imaging, Proc. SPIE, 2009, vol. 7258, pg 72584H.1-72584H.5, 1605-7422, 2009

**Sinescu C.;** Negrutiu M.L. ; Marsavina L. ; Negru R; Hluscu M; Caplescu C; Bradu A; Hughes M; Rominu M; Podoleanu AG., Effect of masticatory load on cracks deflection/penetration investigated with en-face optical coherence tomography in ceramic fixed partial dentures (Proceedings Paper), Progress In Biomedical Optics And Imaging, Medical Imaging 2009: Physics of Medical Imaging, Proc. SPIE, 2009, vol. 7258, pg 72584K.1-72584K.9, 1605-7422, 2009

**Sinescu C;** Negrutiu M , Tatar R , Terteleac A , Năgru, R , Hluscu, M , Culea L , Rominu M, Marsavina, L , Hughes, M , Bradu, A , Dobre, GM, Marcauteanu, C , Demjan, E , Podoleanu, AG , Investigation of osteoconductive bone substitute by particles analysis, numerical simulation and optical coherence tomography, Conference on Lasers in Dentistry XV, JAN 24, 2009, San Jose, CA, Progress In Biomedical Optics And Imaging, BIOS 2009:Lasers in Dentistry XV, Proc. SPIE, 2009, Vol.7162, Art. No. 716207, 1605-7422

**Sinescu, C;** Negrutiu, M; Hughes, M; Bradu, A; Todea, C; Rominu, M; Laissue, PL; Podoleanu, AG, An optical coherence tomography investigation of materials defects in ceramic fixed partial dental prostheses, BIOPHOTONICS: PHOTONIC SOLUTIONS FOR BETTER HEALTH CARE PROC OF SPIE vol 6991, 6991001-5, 0277-786X, 2008

**Sinescu, C;** Hughes, M; Bradu, A; Negrutiu, M; Todea, C; Antonie, S; Laissue, PL; Rominu, M; Podoleanu, AG, Implant bone interface investigated with a non-invasive method: optical coherence tomography, BIOPHOTONICS: PHOTONIC SOLUTIONS FOR BETTER HEALTH CARE, PROC OF SPIE, vol 6991, 699111L-9, 0277-786X, 2008

**Sinescu, C;** Negrutiu, M, Todea, C, Hughes, M, Tudorache, F, Podoleanu, AG, Fixed partial dentures investigated by optical coherent tomography, COHERENCE DOMAIN OPTICAL METHODS AND OPTICAL COHERENCE TOMOGRAPHY IN BIOMEDICINE XII, PROC OF SPIE, vol. 6847, art. no. 684707 -1-8, 0277-786X, 2008

**Sinescu, C;** Negrutiu, M; Faur, N; Negru, R; Rominu, M; Cozarov, D, Dental scanning in CAD/CAM technologies: Laser beams, LASERS IN DENTISTRY XIV; PROC OF SPIE vol 6843, art. no. 68430E1-9, 0277-786X, 2008

**Sinescu, C;** Negrutiu, M, Draganescu, G, Todea, C, Dodenciu, D, Florita, Z, Pop, D, Microleakage in dentistry: New methods for investigation the gaps in biomaterials, LASERS IN DENTISTRY XIV; PROC OF SPIE . vol 6843, art. no.68430P, 0277-786X, 2008

**Sinescu, C;** Negrutiu, M; Rominu, M, Pouring dental alloys - numerical studies using FLUENT software, European-Federation-for-Medical-Informatics Special Topic Conference Timiaoara, ROMANIA ,APR 06-08, 2006, INTEGRATING BIOMEDICAL INFORMATION: FROM E-CELL TO E-PATIENT, pg: 192-194, apr 2006

22. **Sinescu, C;** Negrutiu, M; Rominu, M, Adhesive Fixed partial denture - Numerical investigation, European-Federation-for-Medical-Informatics Special Topic Conference Timiaoara, ROMANIA ,APR 06-08, 2006, INTEGRATING BIOMEDICAL INFORMATION: FROM E-CELL TO E-PATIENT, pg: 195-196, apr 2006

## PROCEEDINGS LA CONGRESE CE SE GASESC PE ISI WEB OF KNOWLEDGE/COAUTOR

1. Marcauteanu, C (Marcauteanu, Corina); Bradu, A (Bradu, Adrian); **Sinescu, C (Sinescu, Cosmin);** Topala, FI (Topala, Florin Ionel); Negrutiu, ML (Negrutiu, Meda Lavinia); Podoleanu, AG (Podoleanu, Adrian Gh.), Towards using spectral domain optical coherence tomography for dental wear monitoring, Source: OPTICAL COHERENCE TOMOGRAPHY AND COHERENCE DOMAIN OPTICAL METHODS IN BIOMEDICINE XVIII, Book Series: Proceedings of SPIE, Volume: 8934, Article Number: 89343A, DOI:10.1117/12.2041801, Edited by: Izalt JA; Fujimoto JG; Tuchin VV, Document Type: Proceedings Paper, Conference Title: Conference on Optical Coherence Tomography and Coherence Domain Optical Methods in Biomedicine XVIII, Conference Date: FEB 03-05, 2014, Conference Location: San Francisco, CA, Published: 2014.

2. Canjau, S (Canjau, Silvana); Todea, C (Todea, Carmen); **Sinescu, C (Sinescu, Cosmin);** Negrutiu, M (Negrutiu, Meda); Duma, V (Duma, Virgil); Manescu, A (Manescu, Adrian); Topala, F (Topala, Florin); Podoleanu, AG (Podoleanu, Adriana Gh.), Optical Imaging of Oral Squamous Cell Carcinoma Using Optical Coherence Tomography and Micro CT, BIOCERAMICS, VOL 25, Book Series: Key Engineering Materials, Volume: 587, Pages: 331-337, Edited by: Antoniac I; Cavalu S; Traistaru T, DOI: 10.4028/www.scientific.net/KEM.587.331, Conference Title: 25th Symposium and Annual Meeting of the International-Society-for-Ceramics-in-Medicine (ISCM), Conference Date: NOV 07-10, 2013, Conference Location: Bucharest, ROMANIA, Published: 2014.

3. Rusu, LC (Rusu, Laura-Cristina); Manescu, A (Manescu, Adrian); Negrutiu, ML (Negrutiu, Meda Lavinia); **Sinescu, C (Sinescu, Cosmin);** Ardelean, S (Ardelean, Simina); Hoinoiu, B (Hoinoiu, Bogdan); Rominu, M (Rominu, Mihai), The MICRO CT evaluation of different types of matrices in rats bone augmentation, BIOCERAMICS, VOL 25, Book Series: Key Engineering Materials, Volume: 587, Pages: 331-337, Edited by: Antoniac I; Cavalu S; Traistaru T, DOI: 10.4028/www.scientific.net/KEM.587.331, Conference Title: 25th Symposium and Annual Meeting of the International-Society-for-Ceramics-in-Medicine (ISCM), Conference Date: NOV 07-10, 2013, Conference Location: Bucharest, ROMANIA, Published: 2014.

4. Duma, VF (Duma, V. -F.); Negrutiu, ML (Negrutiu, M. L.); **Sinescu, C (Sinescu, C.);** Voiculescu, I (Voiculescu, I.); Miutescu, E (Miutescu, E.); Burlea, A (Burlea, A.); Vlascici, M (Vlascici, M.); Podoleanu, AG (Podoleanu, Adrian Gh.), Research Lead Student Projects on Multi-Disciplinary Optomechanics with Applications in Biomedical Imaging, NEW TRENDS IN EDUCATIONAL ACTIVITY IN THE FIELD OF MECHANISM AND MACHINE THEORY, Edited by: GarciaPrada JC; Castejon C, Book Series: Mechanisms and Machine Science, Volume: 19, Pages: 145-153, DOI: 10.1007/978-3-319-01836-2\_16, Conference Title: 1st International Symposium on the Education in Mechanism and Machine Science (ISEMMS), Conference Date: JUN 13-14, 2013, Conference Location: Madrid, SPAIN, Published: 2014.

5. Canjau, S (Canjau, Silvana); Todea, C (Todea, Carmen); **Sinescu, C (Sinescu, Cosmin);** Duma, VF (Duma, Virgil-Florin); Topala, FI (Topala, Florin I.); Podoleanu, AG (Podoleanu, Adrian Gh.), Imaging of Oral Pathological Tissue using Optical Coherence Tomography, FIFTH INTERNATIONAL CONFERENCE ON LASERS IN MEDICINE: BIOTECHNOLOGIES INTEGRATED IN DAILY MEDICINE Edited by: Todea C; Podoleanu AG; Duma VF, Book Series: Proceedings of SPIE Volume: 8925, Article Number:89250X, DOI: 10.1117/12.2041752, Conference Title: 5th International Conference on Lasers in Medicine - Biotechnologies Integrated in Daily Medicine, Conference Date:SEP 19-21, 2013, Conference Location: Timisoara, ROMANIA, Published: 2014.

6. Marcauteanu, C (Marcauteanu, Corina); Bradu, A (Bradu, Adrian); **Sinescu, C (Sinescu, Cosmin);** Topala, FI (Topala, Florin Ionel); Negrutiu, ML (Negrutiu, Meda Lavinia); Duma, VF (Duma, Virgil Florin); Podoleanu, AG (Podoleanu, Adrian Gh.), The advantages of a swept source optical coherence tomography system in the evaluation of occlusal disorders, FIFTH INTERNATIONAL CONFERENCE ON LASERS IN MEDICINE: BIOTECHNOLOGIES INTEGRATED IN DAILY MEDICINE Edited by: Todea C; Podoleanu AG; Duma VF, Book Series: Proceedings of SPIE Volume: 8925, Article Number:89250X, DOI: 10.1117/12.2041752, Conference Title: 5th International Conference on Lasers in Medicine - Biotechnologies Integrated in Daily Medicine, Conference Date:SEP 19-21, 2013, Conference Location: Timisoara, ROMANIA, Published: 2014.

7. Negrutiu, ML (Negrutiu, Meda L.); **Sinescu, C (Sinescu, Cosmin);** Manescu, A (Manescu, Adrian); Topala, FI (Topala, Florin I.); Hoinoiu, B (Hoinoiu, Bogdan); Marcauteanu, C (Marcauteanu, Corina); Duma, V (Duma, Virgil); Bradu, A (Bradu, Adrian); Podoleanu, AG (Podoleanu, Adrian Gh.), Imagistic Evaluation of Matrix Bone Interface, FIFTH INTERNATIONAL CONFERENCE ON LASERS IN MEDICINE: BIOTECHNOLOGIES INTEGRATED IN DAILY MEDICINE Edited by: Todea C; Podoleanu AG; Duma VF, Book Series: Proceedings of SPIE Volume: 8925, Article Number:89250X, DOI: 10.1117/12.2041752, Conference Title: 5th International Conference on Lasers in Medicine - Biotechnologies Integrated in Daily Medicine, Conference Date:SEP 19-21, 2013, Conference Location: Timisoara, ROMANIA, Published: 2014.

8. Rusu, LC (Rusu, Laura-Cristina); Negrutiu, ML (Negrutiu, Meda Lavinia); **Sinescu, C (Sinescu, Cosmin);** Hoinoiu, B (Hoinoiu, Bogdan); Zaharia, C (Zaharia, Cristian); Ardelean, L (Ardelean, Lavinia); Duma, VF (Duma, Virgil-Florin); Podoleanu, AG (Podoleanu, Adrian Gh.), Different Matrix Evaluation for the Bone Regeneration of Rats Femours using Time Domain Optical Coherence Tomography, FIFTH INTERNATIONAL CONFERENCE ON LASERS IN MEDICINE: BIOTECHNOLOGIES INTEGRATED IN DAILY MEDICINE Edited by: Todea C; Podoleanu AG; Duma VF, Book Series: Proceedings of SPIE Volume: 8925, Article Number:89250X, DOI: 10.1117/12.2041752, Conference Title: 5th International Conference on Lasers in Medicine - Biotechnologies Integrated in Daily Medicine, Conference Date:SEP 19-21, 2013, Conference Location: Timisoara, ROMANIA, Published: 2014.

9. Stratul, SI (Stratul, Stefan-Ioan); **Sinescu, C (Sinescu, Cosmin);** Negrutiu, M (Negrutiu, Meda); de Sabata, A (de Sabata, Aldo); Rominu, M (Rominu, Mihai); Ogodescu, A (Ogodescu, Alexandru); Rusu, D (Rusu, Darian), On the reliability of the holographic method for measurement of soft tissue modifications during periodontal therapy, FIFTH INTERNATIONAL CONFERENCE ON LASERS IN MEDICINE: BIOTECHNOLOGIES INTEGRATED IN DAILY MEDICINE Edited by: Todea C; Podoleanu AG; Duma VF, Book Series: Proceedings of SPIE Volume: 8925, Article Number:89250X, DOI: 10.1117/12.2041752, Conference Title: 5th International Conference on Lasers in Medicine - Biotechnologies Integrated in Daily Medicine, Conference Date:SEP 19-21, 2013, Conference Location: Timisoara, ROMANIA, Published: 2014.

10. Tunde, SE (Tunde, Eniko Stoica); Marcauteanu, C (Marcauteanu, Corina); Bradu, A (Bradu, Adrian); **Sinescu, C (Sinescu, Cosmin)**; Topala, FI (Topala, Florin Ionel); Negrutiu, ML (Negrutiu, Meda Lavinia); Duma, VF (Duma, Virgil Florin); Podoleanu, AG (Podoleanu, Adrian Gh.), Imaging of noncarious cervical lesions by means of a fast swept source optical coherence tomography system, FIFTH INTERNATIONAL CONFERENCE ON LASERS IN MEDICINE: BIOTECHNOLOGIES INTEGRATED IN DAILY MEDICINE Edited by: Todea C; Podoleanu AG; Duma VF, Book Series: Proceedings of SPIE Volume: 8925, Article Number:89250X, DOI: 10.1117/12.2041752, Conference Title: 5th International Conference on Lasers in Medicine - Biotechnologies Integrated in Daily Medicine, Conference Date:SEP 19-21, 2013, Conference Location: Timisoara, ROMANIA, Published: 2014.
11. Rusu, LC (Rusu, Laura-Cristina); Negrutiu, ML (Negrutiu, Meda-Lavinia); **Sinescu, C (Sinescu, Cosmin)**; Hoinoiu, B (Hoinoiu, Bogdan); Topala, FI (Topala, Florin-Ionel); Duma, VF (Duma, Virgil-Florin); Rominu, M (Rominu, Mihai); Podoleanu, AG (Podoleanu, Adrian Gh.), Time Domain Optical Coherence Tomography Investigation of Bone Matrix Interface in Rat Femurs, INTERNATIONAL SYMPOSIUM ON PHOTOELECTRONIC DETECTION AND IMAGING 2013: FIBER OPTIC SENSORS AND OPTICAL COHERENCE TOMOGRAPHY, Edited by: Rao Y, Book Series: Proceedings of SPIE, Volume: 8914 Article Number: DOI: 10.1117/12.2036345, Conference Title: 5th International Symposium on Photoelectronic Detection and Imaging (ISPD) - Fiber Optic Sensors and Optical Coherence Tomography, Conference Date: JUN 25-27, 2013, Conference Location: Beijing, PEOPLES R CHINA, Published: 2013.
12. Canjau, S (Canjau, Silvana); Todea, C (Todea, Carmen); **Sinescu, C (Sinescu, Cosmin)**; Negrutiu, ML (Negrutiu, Meda L.); Duma, V (Duma, Virgil); Manescu, A (Manescu, Adrian); Topala, FI (Topala, Florin I.); Podoleanu, AG (Podoleanu, Adrian Gh.), Optical imaging of oral pathological tissue using optical coherence tomography and synchrotron radiation computed microtomography, HEAD AND NECK OPTICAL DIAGNOSTICS, Book Series: Proceedings of SPIE, Volume: 8805, Article Number: 880504, DOI: 10.1117/12.2032584, Conference Title: 5th Scientific Meeting of the Head-and-Neck-Optical-Diagnostic-Society (HNODS), Conference Date: MAY 13-14, 2013, Conference Location: Munich, GERMANY, Published: 2013.
13. Negrutiu, ML (Negrutiu, Meda L.); **Sinescu, C (Sinescu, Cosmin)**; Canjau, S (Canjau, Silvana); Manescu, A (Manescu, Adrian); Topala, FI (Topala, Florin I.); Hoinoiu, B (Hoinoiu, Bogdan); Rominu, M (Rominu, Mihai); Marcauteanu, C (Marcauteanu, Corina); Duma, V (Duma, Virgil); Bradu, A (Bradu, Adrian); Podoleanu, AG (Podoleanu, Adrian Gh.), Bone Regeneration Assessment by Optical Coherence Tomography and MicroCT Synchrotron Radiation, HEAD AND NECK OPTICAL DIAGNOSTICS, Book Series: Proceedings of SPIE, Volume: 8805, Article Number: 880504, DOI: 10.1117/12.2032584, Conference Title: 5th Scientific Meeting of the Head-and-Neck-Optical-Diagnostic-Society (HNODS), Conference Date: MAY 13-14, 2013, Conference Location: Munich, GERMANY, Published: 2013.
14. Mărcăuțeanu M, Topală F, Negrutiu M, Stoica ET, **Sinescu C**, 3D Finite Element Analysis of Restorative Materials Used in Dental Abrasions, Solid State Phenomena, Vol. 188 (Advanced Materials and Structures IV): 82-86, DOI: 10.4028/www.scientific.net/SSP.188.82, mai 2012
15. Ogodescu A, **Sinescu C**, Negrutiu M, Naghib R, Topală F, Dodenciu D, Ogodescu E, Investigation of an Advanced Material for the Infiltration of White Spot Lesions in Orthodontics, Solid State Phenomena, Vol. 188 (Advanced Materials and Structures IV): 87-92, DOI: 10.4028/www.scientific.net/SSP.188.87, mai 2012
16. Negrutiu ML, **Sinescu C**, Topala FI, Ionita C, Goguta L, Marcauteanu C, Romînu M, Podoleanu, AG , Optical investigations of various polymeric materials used in dental technology, Optical Complex Systems: OCS11, Proc. of SPIE, 8172 (Art Nr 817216): 817216-1-817216-8, 0277-786X, Sept 2011
17. Rominu R, **Sinescu C**, Romînu M, Negrutiu M, Petrescu E, Pop D, Podoleanu, AG , The assessment of orthodontic bonding defects: optical coherence tomography followed by three dimensional reconstruction, Optical Complex Systems: OCS11, Proc. of SPIE, 8172 (Art Nr 817214): 817214-1 - 817214-6, 0277-786X, Sept 2011
18. Petrescu E, **Sinescu C**, Negrutiu ML, Pop D, Rominu R, Enescu M, Romînu M, Bradu A, Dobre G, Podoleanu, AG , OCT and RX Validation of metal-ceramic crowns repaired with ceramic material, Optical Complex Systems: OCS11, Proc. of SPIE, 8172 (Art Nr 817213): 817213-1-817213-6, 0277-786X, Sept 2011
19. Negrutiu ML, Ogodescu A, Petrescu EL, **Sinescu C**, Topala FI, Pop DM, Romînu M, Draganescu Gh, Podoleanu AGh, En face OCT imagistic evaluation and laser microspectral analysis for assessing microleakage at the prosthetic interfaces, Recent Advances in Applied and Biomedical Informatics and Computational Engineering in Systems Applications - AIC'11, BEBI'11, Proc. of WSEAS, 441-445, 978-1-61804-028-2, aug 2011
20. Petrescu E, Negrutiu ML, **Sinescu C**, Pop DM, Romînu M, Ogodescu A, Topala F, Podoleanu AGh, OCT and SEM imagistic investigations of composite resin-IPS Empress ceramic interfaces, Recent Advances in Applied and Biomedical Informatics and Computational Engineering in Systems Applications - AIC'11, BEBI'11, Proc. of WSEAS, 431-434, 978-1-61804-028-2, aug 2011
21. Ogodescu A, Zetu I, Martha K, **Sinescu C**, Petrescu E, Negrutiu M, Talpos S, Ogodescu E, The Use of Biomedical Imaging for Computer-Aided Diagnosis and Treatment Planning in Orthodontics and Dentofacial Orthopedics Recent Advances in Applied and Biomedical Informatics and Computational Engineering in Systems Applications - AIC'11, BEBI'11, Proc. of WSEAS, 418-423, 978-1-61804-028-2, aug 2011
22. Rominu RO, **Sinescu C**, Negrutiu M, Petrescu E, Pop DM, Romînu M, Podoleanu AGh, Orthodontic Bonding of Tooth Colored Brackets from a Different Perspective - An Optical Coherence Tomography Investigation, Recent Researches in Computational Techniques, Non-Linear Systems and Control - Proc. of the 13th WSEAS Int. Conf. on MAMECTIS'11, NOLASC'11, CONTROL'11, WAMUS'11, 74-78, 978-1-61804-011-4, iul 2011
23. Petrescu E, Negrutiu ML, **Sinescu C**, Pop DM, Rominu R, Topala F, Romînu M, Podoleanu AGh, Qualitative Study of Repaired Metal Ceramic Crowns, Recent Researches in Computational Techniques, Non-Linear Systems and Control - Proc. of the 13th WSEAS Int. Conf. on MAMECTIS'11, NOLASC'11, CONTROL'11, WAMUS'13, 295-299, 978-1-61804-011-4, iul 2011
24. Rusu LC, **Sinescu C**, Negrutiu ML, Ardelean LC, Ogodescu A, Fabricky M, Petrescu E, Rominu RO, Topala F, Romînu M, Albu MG, Ghica MV, Podoleanu AGh, Application for Regenerative Dentistry: The Collagen Matrices with Lidocaine, Computational Engineering in Systems Applications (Volume II), Proceedings of International Conference on Energy, Environment, Economics, Devices, Systems, Communications, Computers, Proc. of WSEAS, vol II: 60-64, 978-1-61804-014-5, iul 2011
25. Petrescu E, Negrutiu ML, **Sinescu C**, Rominu R, Topala F, Romînu M, Podoleanu AGh, Non-invasive Imagistic Investigations of Repaired IPS Empress e.max All Ceramic Crowns, Recent Researches in Geography, Geology, Energy, Environment and Biomedicine - Proc. of the 4th WSEAS Int. Conf. on EMESG'11, 2nd Int. Conf. on WORLD-GEO'11, 5th Int. Conf. on EDEB'12, 225-229, 978-1-61804-022-1, iul 2011
26. Marcauteanu C, Negrutiu M, **Sinescu C**, Stoica ET, Ionita C, Florin T, Vasile L, Bradu A, Dobre G, Podoleanu AG, Early characterization of occlusal overloaded cervical dental hard tissues by en face optical coherence tomography, Optical Coherence Tomography and Coherence Techniques V, Proc. of SPIE-OSA, ECBO 2011, vol. 8091, (Art Nr 80911T): 80911T-1 – 6, 2011
27. Negrutiu ML, **Sinescu C**, Topala F, Ionita C, Marcauteanu C, Petrescu EL, Podoleanu AG, Imagistic evaluation of direct dental restoration: en face OCT versus SEM and microCT, Optical Coherence Tomography and Coherence Techniques V, Proc. of SPIE-OSA, ECBO 2011, vol. 8091 (Art Nr 80911X): 80911X-1 – 6, 2011

28. Negrutiu ML, Nica L, **Sinescu C**, Topala F, Ionita C, Bradu A, Petrescu EL, Pop DM, Romînu M, Podoleanu AG, SEM and microCT validation for en face OCT imagistic evaluation of endodontically treated human teeth, Medical Imaging 2011: Physics of Medical Imaging, Proc. of SPIE, 7961 (Art Nr 79614W): 79614W-1 - 79614W-6, 0277-786X, feb 2011
29. Petrescu E, **Sinescu C**, Negrutiu ML, Rominu R, Maria PD, Romînu M, Non-invasive imagistic investigation of metal-ceramic crowns, Optical Sensors and Biophotonics II, Proc. of SPIE-OSA-IEEE Asia Communications and Photonics, 7990 (Art Nr 79900Y): 79900Y-1 - 79900Y-8, 0277-786X, ian 2011
30. Rominu RO, Romînu M, Negrutiu ML, **Sinescu C**, Pop D, Petrescu E, The Effect of Different Chemical Agents on Human Enamel: An Atomic Force and Scanning Electron Microscopy Study, Optical Sensors and Biophotonics II, Proc. of SPIE-OSA-IEEE Asia Communications and Photonics, 7992 (Art Nr 79900Z): 79900Z-1 - 79900Z-6, 0277-786X, ian 2011
31. Topala FI, **Sinescu C**, Negrutiu ML, Bradu A, Romînu M, Podoleanu AG, 3D Reconstructions of Resin Dental Fillings based on En Face OCT Images, Advances in Biology, Bioengineering and Environment, 6th WSEAS International Conference on Cellular and Molecular Biology, Biophysics and Bioengineering (Bio '10) 8th Wseas International Conference on Environment, Ecosystems and Development (Eed '10) International Conference on Bioscience and Bioinformatics(lcbb '10) Athens, Greece December 29-31, 2010 Published By WSEAS Press, www.wseas.org Proceedings of WSEAS, pg.19-22, ISSN 1792-7412, 1792-7374, 1792-7439, dec 2010
32. Ogodescu AS, **Sinescu C**, Ogodescu EA, Negrutiu M, Rominu R, Bratu E, Computer Science in the Orthodontic Treatment of Adult Patients, Advances in communications, computers, systems, circuits and devices, European Conference of Systems (ECS '10). European Conference of Circuits Technology and Devices (ECCTD '10), European Conference of Communications (ECCOM '10). European Conference of Computer Science (ECCS '10), Puerto De La Cruz, Tenerife, Nov. 30-Dec. 2, 2010, Published By WSEAS Press, www.wseas.org, Proceedings of WSEAS, pg.15-18, ISSN 1792-6637, 1792-667X, 1792-6696, 1792-670X, dec 2010
33. Pop DM, Dodenciu D, **Sinescu C**, Negrutiu ML, Topala FI, Petrescu EL, Rominu RO, Stoia AE, Rominu M, Investigations of Different Types of Welding in Dental Technology, Advances in communications, computers, systems, circuits and devices, European Conference of Systems (ECS '10). European Conference of Circuits Technology and Devices (ECCTD '10), European Conference of Communications (ECCOM '10). European Conference of Computer Science (ECCS '10), Puerto De La Cruz, Tenerife, Nov. 30-Dec. 2, 2010, Published By WSEAS Press, www.wseas.org, Proceedings of WSEAS, pg.19-22, ISSN 1792-6637, 1792-667X, 1792-6696, 1792-670X, dec 2010
34. Enescu M, **Sinescu C**, Negrutiu M, Negru R, Marsavina L, Topala F, Rominu R, Petrescu E, Bradu A, Dobre G, Rominu M, Podoleanu A, Amalgam and Composite Resin Interface Investigation by Optical Coherence Tomography, Advances in communications, computers, systems, circuits and devices, European Conference of Systems (ECS '10). European Conference of Circuits Technology and Devices (ECCTD '10), European Conference of Communications (ECCOM '10). European Conference of Computer Science (ECCS '10), Puerto De La Cruz, Tenerife, Nov. 30-Dec. 2, 2010, Published By WSEAS Press, www.wseas.org, Proceedings of WSEAS, pg.316-322, ISSN 1792-6637, 1792-667X, 1792-6696, 1792-670X, dec 2010
35. Soicu A, **Sinescu C**, Negrutiu M, Topala F, Rominu R, Petrescu E, Rominu M, Podoleanu A, Technological Aspects, Numerical Simulation and Noninvasive Imagistic Approach on Resin Bonded Fixed Partial Prosthesis, Advances in communications, computers, systems, circuits and devices, European Conference of Systems (ECS '10). European Conference of Circuits Technology and Devices (ECCTD '10), European Conference of Communications (ECCOM '10). European Conference of Computer Science (ECCS '10), Puerto De La Cruz, Tenerife, Nov. 30-Dec. 2, 2010, Published By WSEAS Press, www.wseas.org, Proceedings of WSEAS, pg.323-327, ISSN 1792-6637, 1792-667X, 1792-6696, 1792-670X, dec 2010
36. Stoia AE, **Sinescu C**, Negrutiu M, Enescu M, Rominu R, Pielmusi M, Tudor A, Rominu M, Tensile Bond Strength of Acrylic Resin Teeth to Denture Base Repair Resin, Advances in communications, computers, systems, circuits and devices, European Conference of Systems (ECS '10). European Conference of Circuits Technology and Devices (ECCTD '10), European Conference of Communications (ECCOM '10). European Conference of Computer Science (ECCS '10), Puerto De La Cruz, Tenerife, Nov. 30-Dec. 2, 2010, Published By WSEAS Press, www.wseas.org, Proceedings of WSEAS, pg. 337-341, ISSN 1792-6637, 1792-667X, 1792-6696, 1792-670X, dec 2010
37. Petrescu EL, Negrutiu ML, **Sinescu C**, Rominu R, Topala F, Pop DM, Rominu M, Atomic Force Microscopy and Scanning Electronic Microscopy Investigations of Conditioned IPS Empress E.max Ceramic Core, Advances in communications, computers, systems, circuits and devices, European Conference of Systems (ECS '10). European Conference of Circuits Technology and Devices (ECCTD '10), European Conference of Communications (ECCOM '10). European Conference of Computer Science (ECCS '10), Puerto De La Cruz, Tenerife, Nov. 30-Dec. 2, 2010, Published By WSEAS Press, www.wseas.org, Proceedings of WSEAS, pg. 348-351, ISSN 1792-6637, 1792-667X, 1792-6696, 1792-670X, dec 2010
38. Ogodescu A, **Sinescu C**, Ogodescu E, Negrutiu M, Bratu E, The Digital Decade in Interdisciplinary Orthodontics, Selected topics in applied computing, Applied computing conference 2010 (ACC '10), Timișoara, RO, oct.21-23 2010, Published By WSEAS Press, www.wseas.org, Proceedings of WSEAS, pg.115-118, 1792-5908, oct 2010
39. Negrutiu ML; **Sinescu C**; Topala F; Nica L; Ionita C; Marcauteanu, C; Goguta, L; Bradu, A; Dobre, G; Romînu M; Podoleanu, AG, Root canal filling evaluation using optical coherence tomography, Progress In Biomedical Optics And Imaging/Proceedings of SPIE, Spie Photonics Europe 2010, Biophotonics: Photonic Solutions for Better Health Care II, Vol. 11, No. 41./Vol.7715 pg.77151T-1 77151T-6, Brussels, Belgium, 12–16 April 2010
40. Romînu M; **Sinescu C**; Negrutiu ML; Rominu RO; Pop DM; Topala F; Stoia A; Petrescu E; Bradu A; Dobre G; Podoleanu AG, Adhesive Improvement in Optical Coherence Tomography Combined with Confocal Microscopy for Class V Cavities Investigations, Progress In Biomedical Optics And Imaging/Proceedings of SPIE Medical Imaging 2010: Biomedical Applications in Molecular, Structural, and Functional Imaging, Vol. 11, No. 36./Vol.7626 pg.76260Y-176260Y-8, San Diego, California, United States, 14–16 February 2010
41. Demjan, E; Marcauteanu, C; Bratu, D; **Sinescu, C**; Negrutiu, M; Ionita, C; Florin, T; Hughes, M; Bradu, A; Dobre, G; Podoleanu, AG, Analysis of dental abstractions by optical coherence tomography, Progress in Biomedical Optics and Imaging/Proceedings of SPIE, SPIE Photonics West, BIOS 2010, Lasers in Dentistry XVI, 25–27 January 2010 San Francisco,SUA, Vol. 11, No. 2./ Vol.7549, Art. No.754903 (754903-1-6), ian 2010
42. Mărcăuteanu,C., Demjan E, **Sinescu C**, Negrutiu, M., Motoc, A., Ligezan, R., Vasile, L., Hughes, M., Bradu, A, Dobre, G, Podoleanu, AG., Preliminary optical coherence tomography investigation of the temporo-mandibular joint disc, Progress in Biomedical Optics and Imaging/ Proceedings of SPIE, SPIE Photonics West, BIOS 2010, Optical Coherence Tomography and Coherence Domain Optical Methods in Biomedicine XIV25–27 January 2010 San Francisco, SUA, Vol. 11, No. 7./ Vol.7554 , Art.No.75542G (75542G-1-7), ian 2010
43. Rominu M., **Sinescu C**, Negrutiu M., Birtea N. M., Petrescu E., Rominu R., Hughes M., Bradu A., Dobre G., A.Gh. Podoleanu, Advances In Manufacturing, Engineering, Quality And Production Systems, Proceedings of the 1st International Conference on Manufacturing Engineering,

Quality and Production Systems (Vol. I), Brasov, sept.24-26, 2009, Proceedings of WSEAS, pg.255-259, ISSN: 1790-2769, ISBN: 978-960-474-121-2, 2009

44. Ogodescu A, **Sinescu C**, Ogodescu E, Negrutiu M, Engineering and biomechanics in the orthodontic treatment of periodontally compromised adult patient (Proceedings Paper), Advances In Manufacturing, Engineering, Quality And Production Systems, Proceedings of the 1st International Conference on Manufacturing Engineering, Quality and Production Systems (Volume I), Brasov, sept.24-26, 2009 Proceedings of WSEAS, p.194-197, ISSN: 1790-2769, ISBN: 978-960-474-121-2
45. Antonie, S; **Sinescu, C**; Negrutiu, M; Sticlaru, C; Negru, R; Laissue, PL; Rominu, M; Podoleanu, AG, Investigation of Implant bone interface with non-invasive methods: numerical simulation, strain gauges and optical coherence tomography (Proceedings Paper), Advances In Strength Of Materials, 2009, Vol. 399, pg.193-198, 1013-9826, 2009
46. Marcauteanu, C., Negrutiu, M., **Sinescu, C**, Demjan, E., Hughes, M., Bradu, A., Dobre, G., Podoleanu A.G., Occlusal overload investigations by noninvasive technology: fluorescence microscopy and en-face optical coherence tomography (Proceedings Paper), Progress In Biomedical Optics And Imaging, European Conference on Biomedical Optics 2009: Optical Coherence Tomography and Coherence Techniques IV, Proc. SPIE, 2009, vol. 7372, pg 73722A.1 -73722A.7, 1605-7422
47. Negruțiu, M., **Sinescu, C**, Topala, F., Rominu, M, Markovic, D., Pop, D., Hughes, M., Bradu, A., Dobre, G., Podoleanu, A. G. , En face optical coherence tomography investigation of interface fiber posts/adhesive cement/root canal wall (Proceedings Paper), Progress In Biomedical Optics And Imaging, European Conference on Biomedical Optics 2009: Optical Coherence Tomography and Coherence Techniques IV, Proc. SPIE, 2009, vol. 7372, pg 73721A.1 -73721A.7, 1605-7422 , 2009
48. Negrutiu, M. L., **Sinescu, C**, Rominu, M., Hughes, M., Dobre, G., Podoleanu, A.G., Optical coherence tomography and confocal microscopy investigations of dental structures and restoration materials (Proceedings Paper), Progress In Biomedical Optics And Imaging, Medical Imaging 2009: Physics of Medical Imaging, Proc. SPIE, 2009, vol. 7258, pg 72584N.1-72584N.7, 1605-7422, 2009
49. Mărcăuteanu, C., Negrutiu, M., **Sinescu, C**, Demjan, E., Hughes, M., Bradu, A., Dobre, G, Podoleanu, A. G, Early detection of tooth wear by en face optical coherence tomography (Proceedings Paper), Conference on Lasers in Dentistry XV, JAN 24, 2009, San Jose, CA, Progress In Biomedical Optics And Imaging, BIOS 2009: Lasers in Dentistry XV, Proc. SPIE, 2009, Vol.7162, Art. No. 716205, 1605-7422
50. Todea C, Balabuc C, **Sinescu C**, Negrutiu M, Filip L, Bradu A, Podoleanu AGh., En-face OCT microleakage investigation after laser-assisted dental hard tissue treatment, 1st Canterbury Workshop in Optical Coherence Tomography and Adaptive Optics, Proc. of SPIE Vol. 7139, Art. Nr. 7139-21, 2008
51. Negruțiu M., **Sinescu C**, Hughes M., Bradu A., Rominu M, Todea C., Dobre G., Podoleanu A. Gh., Optical Coherence Tomography and Confocal Microscopy Investigations of Dental Prostheses, 1st Canterbury Workshop in Optical Coherence Tomography and Adaptive Optics, Proc. of SPIE Vol. 7139, Art. Nr. 7139-22, 2008
52. Rominu R.O., **Sinescu C**, Rominu M, Negrutiu M., Laissue P., Mihali S., Hughes M., Bradu A., Podoleanu A. Gh., An Innovative Approach for Investigating the Ceramic Bracket-Enamel Interface – Optical Coherence Tomography and Confocal Microscopy, 1st Canterbury Workshop in Optical Coherence Tomography and Adaptive Optics, Proc. of SPIE Vol. 7139, Art. Nr. 7139-23, 2008
53. Negrutiu, ML; **Sinescu, C**; Hughes, M; Bradu, A; Goguta, L; Rominu, M; Negru, R; Podoleanu, AG, Fibres reinforced dentures investigated with en-face optical coherence tomography, BIOPHOTONICS: PHOTONIC SOLUTIONS FOR BETTER HEALTH CARE, PROC OF SPIE , vol 6991, art.no. 69911U-1-6, 0277-786X, 2008
54. Negrutiu, ML, **Sinescu, C**, Hughes, M, Bradu, A, Todea, C, Balabuc, CI, Filip, LM , Podoleanu, AG, Root canal filling evaluation using optical coherence tomography BIOPHOTONICS: PHOTONIC SOLUTIONS FOR BETTER HEALTH CARE, PROC OF SPIE, vol 6991, art. no. 69911T-1-6, 0277-786X, 2008
55. Negrutiu, ML; **Sinescu, C**; Cozarov, D; Culea, L; Rominu, M; Pop, DM, Repairing method of fixed partial prostheses in dentistry: laser welding, LASERS IN DENTISTRY XIV; PROC OF SPIE . vol 6843, art. no. 6843091-8, 0277-786X, 2008
56. Negrutiu, ML, Sinescu, C, Draganescu, G, Todea, C, Dodenciu, D, Rominu, R, Microspectral analysis with laser in microleakage evaluation between infrastructure and veneer materials in fixed partial dentures, LASERS IN DENTISTRY XIV; PROC OF SPIE . vol 6843, art. no. 68430Q, 0277-786X, 2008
57. Negrutiu, ML, **Sinescu, C**, Todea, C, Podoleanu, AG, Complete denture analyzed by optical coherence tomography, LASERS IN DENTISTRY XIV; PROC OF SPIE . vol 6843, art. no. 68430R, 0277-786X, 2008

Premii obținute la manifestări științifice (naționale și internaționale), prin proces de selecție.

#### LUCRARI STIINTIFICE PREMIATE LA MANIFESTARI INTERNATIONALE

- [1]. **Premiul I**, M.L. Negrutiu, **C. Sinescu**, V. F. Duma, A. Manescu, MicroCT Investigation of Bone Graft Biomaterials, New York Great Dental Meeting, 2014, New York, USA.
- [2]. **Premiul I**, C. Casavela, **C. Sinescu**, et al, A. Podoleanu, I. Luchian, An „In vitro” comparative study regarding the effect of ultrasounds on root canal preparation and apical sealing, Congresul IADS Mid-Year Meeting, Moscova, Rusia Feb. 18-27, 2011.
- [3]. **Premiul I**, L. Filip, D. Dodenciu, C. Balabuc, M. Miron, C. Kerezsi C, **C. Sinescu**, C. Todea, Nd:YAG laser interaction with the electrical conductance measured at the root canal level - Conferința Internațională de Laseri în Medicină, Timișoara, Ediția a II-a, 5 – 7 iulie 2007.
- [4]. **Premiul Special: Certificate of Appreciation**, M. Sorin, M. Rominu, A. Podoleanu, M. Negrutiu, **C. Sinescu**, Modern Non-Invasive Investigation of Fixed Resin Bonded Partial Prosthesis: Optical Coherence Tomography, Congresul International de Stomatologie FDI, Dubai, United Arab Emirates, 2007.
- [5]. **Premiul II**: M. Rominu, **C. Sinescu**, M. Negrutiu, D. Pop, A. Bradu, E. Petrescu, R. Rominu, G. Dobre, A. Podoleanu, Class V cavities Diagnostic by en face Optical Coherence Tomography. The necessity of increasing the Scattering for Adhesive Layer Media, September 24 – 26, 2009, Timișoara, Romania (presented by Prof. Jean Paul Rocca, DDS, PhD, President of World Federation for Laser in Dentistry -ED, Poster Session Chairman.);
- [6]. **Premiul III**: C.Clonda, **C. Sinescu**, M. Negrutiu, A. Bradu, G. Dobre, A. Podoleanu, Time Domain OCT in Galvano-Ceramic Fixed Partial Prostheses Investigations, September 24 – 26, 2009, Timișoara, Romania (presented by Prof. Jean Paul Rocca, DDS, PhD, President of World Federation for Laser in Dentistry-ED, Poster Session Chairman).



#### LUCRARI STIINTIFICE PREMIATE LA MANIFESTARI NATIONALE

1. Ardelean Simina, Laura Cirligeriu, **Cosmin Sinescu**, Meda Lavinia Negrutiu, Daniela Jumanca, Marius Leretter, Utilizarea transiluminarii cu fibra optica si imagine digitala in asociere cu laserfluorescenta ca metoda complementara in diagnosticul leziunilor carioase proximale, **First Prize**, DenTim 2014, Timisoara, Romania.
2. Cristian Zaharia, **Cosmin Sinescu**, Meda Lavinia Negrutiu, Adrian Manescu, MicroCT utilizand radiatia SINCROTRON – Aplicatii in medicina dentara, **Second Prize**, DenTim 2014, Timisoara, Romania.
3. Ardelean Simina, **Cosmin Sinescu**, Meda Lavinia Negrutiu, **Premiul I**, Metode Neinvazive de Investigare a Proceselor Carioase, DENTis Cluj Napoca, 2013.
4. Alexandra Tătuclu, Giacomo Armani, Cristian Zaharia, Alin Gabor, L. Nica, **Cosmin Sinescu**, Meda Negrutiu, Florin Topală, Evaluarea morfologiei endodontice complexe prin metode imagistice, **Premiul I**, Congresul International de Stomatologie pentru Studenti si Tineri Medici, Timisoara, Romania, DenTim 2012.
5. Cezar Clonda, **Cosmin Sinescu**, Meda Negrutiu, Adrian Bradu, George Dobre, Adrian Gh. Podoleanu, Time Domain OCT in galvano-ceramic fixed partial prosthesis investigations, **Third Prize**, International Conference on Laser in Medicine, Timisoara, Romania, 3ed Edition "New Highlights in Clinical Practice", 2009.
6. Nica Stefan Ovidiu, **Cosmin Sinescu**, Meda Negrutiu, Mihai Rominu, Analiza modificarilor suferite de catre protezele partiale fixe in urma interferentelor cu diferiti factori alimentari, **Premiul II**, Congresul International de Stomatologie pentru Studenti si Tineri Medici, Timisoara, Romania, DenTim 2007.
7. Moldovanu Marius Razvan, **Cosmin Sinescu**, Meda Negrutiu, Mihai Rominu, Obtinerea unor proteze partiale fixe utilizand tehnologia Flexite, **Premiul III**, Congresul International de Stomatologie pentru Studenti si Tineri Medici, Timisoara, Romania, DenTim 2007.
8. Silvana Canjau, Mihai Rominu, Meda Negrutiu, **Cosmin Sinescu**, Protezarea partial fixa integral ceramic realizata cu tehnologie CAD/CAM, **Premiul I**, Congresul International de Medicina Dentara pentru Studenti si Tineri Medici, Editia a III-a, Iasi, Romania, 2007.
9. Felicia Mitroi, **Cosmin Sinescu**, Meda Negrutiu, Mihai Rominu, Coroana integral ceramica realizata prin tehnologii CAD/CAM, **Mentione**, Congresul International de Medicina Dentara pentru Studenti si Tineri Medici, Editia a III-a, Iasi, Romania, 2007.
10. Mihali Sorin, **Cosmin Sinescu**, Meda Negrutiu, Mihai Rominu, Valoarea Diagnostica a Termogramei in Studiul Etajului Inferior al Fetei, **Premiul I**, Congresul International de Stomatologie pentru Studenti si Tineri Medici, Cluj Napoca, Romania, Dentis 2007.
11. Lugojan N. Joachim, **Cosmin Sinescu**, Meda Negrutiu, Mihai Rominu, Metoda moderna de solidificare a gipsurilor dentare, **Premiul I**, Congresul International de Stomatologie pentru Studenti si Tineri Medici, Bucuresti, Romania, stuDENT 2007.
12. Isirinovic Jelena, **Cosmin Sinescu**, Meda Negrutiu, Mihai Rominu, Metode modern de determinare a culorii dentare, **Premiul Special**, Congresul International de Stomatologie pentru Studenti si Tineri Medici, Bucuresti, Romania, stuDENT 2007.
13. Boboiciov Monica, Constantinescu Sonia, **Cosmin Sinescu**, Meda Negrutiu, Mihai Rominu, Aspecte tehnologice de realizare a unei proteze partiale fixe metalo-ceramice utilizand sistemul Preciano, **Premiul I**, Congresul International de Stomatologie pentru Studenti si Tineri Medici, Iasi, Romania, 2006.
14. Nica Stefan Ovidiu, Anca Marin, **Cosmin Sinescu**, Meda Negrutiu, Mihai Rominu, Analiza adeziunii unei proteze partiale fixe aggregate adeziv utilizand simularea numerica, **Premiul I**, Congresul International de Stomatologie pentru Studenti si Tineri Medici, Iasi, Romania, 2006.
15. Naghib Riham, **Cosmin Sinescu**, Meda Negrutiu, Mihai Rominu, Simularea numerica a comportamentului protezelor partiale fixe dentare utilizand programul Pro-E, **Premiul III**, Congresul International de Stomatologie pentru Studenti si Tineri Medici, Iasi, Romania, 2006.
16. Mihali Sorin, **Cosmin Sinescu**, Meda Negrutiu, Mihai Rominu, Investigarea protezelor partiale fixe utilizand metode neinvazive: tehnica lichidelor penetrante in comparative cu analiza radiografica, **Mentione**, Congresul International de Stomatologie pentru Studenti si Tineri Medici, Iasi, Romania, 2006.
17. Pop Ioana Delia, Bretean Alex, **Cosmin Sinescu**, Meda Negrutiu, Mihai Rominu, Tehnica moderna calitativa si cantitativa de pozitionare a protezelor partiale fixe in zona frontal: spectrele de putere, **Premiul II**, Congresul International de Stomatologie pentru Studenti si Tineri Medici, Cluj Napoca, Romania, 2006.