

Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **Topală Florin-Ionel**
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Fax(es)
E-mail florin.topala@gmail.com
Nationality romana
Date of birth 18.03.1977
Gender male

Occupational field **University of Medicine and Pharmacy Victor Babes from Timisoara,
Faculty of Dentistry**

Work experience

Dates 1 Ian 2002 - present
Occupation or position held assistant professor
Main activities and responsibilities education in dentistry and research
Name and address of employer University of Medicine and Pharmacy Victor Babes from Timisoara
Type of business or sector education and research

Education and training

Dates Add separate entries for each relevant course you have completed, starting from the most recent.
(remove if not relevant, see instructions)
Title of qualification awarded
Principal subjects/occupational skills covered
Name and type of organisation providing education and training

Personal skills and competences

Mother tongue(s) Romanian

Other language(s)

Self-assessment
European level ()*

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	

English	B2	Independent user	B1	Independent user						
French	A2	Basic user	A2	Basic user	A1	Basic user	A1	Basic user	A1	Basic user

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

Social skills and competences	I have worked in various types of team research projects
Organisational skills and competences	
Technical skills and competences	
Computer skills and competences	Competent with most Microsoft Office programmes
Artistic skills and competences	
Driving licence	I am a holder of an Romanian drivers licence. Category B vehicle.

Additional information **Proceedings Paper**

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 Protheses 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, 14-16 February 2010 San Diego, California, United States*

Negrutiu, ML; Sinescu, C; **Topala, F**; Nica, L; Ionita, C; Marcauteanu, C; Goguta, L; Bradu, A; Dobre, G; Rominu, 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, 12-16 April 2010 Brussels, Belgium*

Cosmin Sinescu, Meda Negrutiu, Ciprian Ionita, Radu Negru, Liviu Marsavina, **Florin Topala**, Roxana Rominu, Emanuela Petrescu, Alexandru Ogodescu, Mihai Fabricky, Adrian Bradu, George Dobre, Mihai Rominu, Adrian Podoleanu - 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

Daniela Maria Pop, Dorin Dodenciu, Cosmin Sinescu, Meda Lavinia Negrutiu, **Florin Ionel Topala**, Emanuela Lidia Petrescu, Roxana Otilia Rominu, Adelina Elena Stoia, Mihai Rominu - 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.r 30-Dec. 2, 2010*, Published By WSEAS Press, www.wseas.org Proceedings of WSEAS

Marius Enescu, Cosmin Sinescu, Meda Negrutiu, Radu Negru, Liviu Marsavina, **Florin Topala**, Roxana Rominu, Emanuela Petrescu, Adrian Bradu, George Dobre, Mihai Rominu, Adrian Podoleanu - 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.r 30-Dec. 2, 2010*, Published By WSEAS Press, www.wseas.org Proceedings of WSEAS

Andra Soicu, Cosmin Sinescu, Meda Negrutiu, **Florin Topala**, Roxana Rominu, Emanuela Petrescu, Mihai Rominu, Adrian Podoleanu - 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.r 30-Dec. 2, 2010*, Published By WSEAS Press, www.wseas.org Proceedings of WSEAS

Emanuela Lidia Petrescu, Meda Lavinia Negrutiu, Cosmin Sinescu, Roxana Rominu, **Florin Topala**, Pop

Daniela Maria, Mihai Rominu - 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.r 30-Dec. 2, 2010, Published By WSEAS Press, www.wseas.org Proceedings of WSEAS*

Cosmin Sinescu, Meda Lavinia Negrutiu, Ciprian Ionita, **Florin Topala**, Emanuela Petrescu, Roxana Rominu, Daniela Maria Pop, Liviu Marsavina, Radu Negru, Adrian Bradu, Mihai Rominu, Adrian Gh. Podoleanu - Radiographic, microcomputer tomography, and optical coherence tomography investigations of ceramic interfaces, *Optical Sensors and Biophotonics II, ACP-Asia Communications and Photonics Conference and Exhibition, Shanghai, China, 8-12 Dec. 2010, Proceedings of SPIE*

Florin I. Topala, Cosmin Sinescu, Meda L.Negrutiu, Adrian Bradu, Mihai Rominu, Adrian Gh.Podoleanu - 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(Icbb '10) Athens, Greece December 29-31, 2010 Published By WSEAS Press, www.wseas.org Proceedings of WSEAS*

Articles

Carmen Todea, Meda Lavinia Negrutiu, Cosmin Balabuc, Cosmin Sinescu, **Florin Ionel Topala**, Corina Marcauteanu, Silvana Canjau, Gianfranco Semez, Adrian Gh. Podoleanu - Optical Coherence Tomography Applications in Dentistry, *Timișoara Medical Journal*, vol.60/1/5-17

M. Negruțiu, C. Sinescu, **F. Topală**, M. Romînu, D. Markovic, D.Pop, G. Dobre, A. Gh. Podoleanu - Imaging of defects at the interface of fiber posts restored endodontically treated teeth, *Timișoara Medical Journal* vol 60/ 1/29-33

C. Sinescu, M. Negrutiu, C.Ioniță, R. Negru, A.Bradu, D.Pop, F.Topală, L. Marsavina, M. Romînu, G. Dobre, A.Gh. Podoleanu - Multiple possibilities in detection of materials defects in ceramic fixed partial prostheses. Numerical simulation and photoelasticity methods employed for evaluation and prognostic, *Timișoara Medical Journal*, vol 60/ 1/50-55

Mărcăuteanu, C.,Stoica, E., Sinescu, C., Negrutiu, M., **F.Topală**, C.Clonda, Hughes, M., Bradu, A., Dobre, G., Podoleanu, A. G - Microstructural characterization of noncarious cervical lesions by optical coherence tomography, *Timișoara Medical Journal*, vol 60/ 1/60-63

Annexes