


Euro pass Curriculum Vitae		
Personals		
Name	Florin Toadere	
Address	Str. Donat, nr. 67-103, PO 5 Box 700, 400293 Cluj-Napoca, Romania	
Phone	office - +40-264-584037/151	Mobile:
Fax	+40-264-420042	
E-mail	florin.toadere@itim-cj.ro	
Nationality	Romanian	
Birthday	20 August 1976	
Gender	Male	
Activity		
Period	01.10.2017 – present	
Occupation	Scientific researcher III	
Major activities	Acquisition of an OCT imaging system imaging spectroscopy VIS	
Employer	National Institute for Research for research of isotopic and molecular Technologies, INCDTIM Cluj-Napoca, România, Strada Donat nr. 67-103, RO-400293 Cluj- Napoca 5, România, http://www.itim-cj.ro/lab4	
Department	Molecular and Bimolecular physics	
Period	01.10.2016 – 30.09.2017	
Occupation	Scientific researcher	
Major activities	Image processing, imaging spectroscopy VIS (spectra, hyperspectral images, CIE colorimetry)	
Employer	National Institute for Research for research of isotopic and molecular Technologies, INCDTIM Cluj-Napoca, România, Strada Donat nr. 67-103, RO-400293 Cluj- Napoca 5, România	
Department	Mass Spectroscopy, chromatography and applied physics	
Period	01.10.2007-30.09.2013	
Occupation	Scientific researcher	
Major activities	Image processing and Electronics	
Employer	National Institute for Research for research of isotopic and molecular Technologies, INCDTIM Cluj-Napoca, România, Strada Donat nr. 67-103, RO-400293 Cluj- Napoca 5, România	
Department	Physics and isotopes technologies	

Period	1.05.2001 – 30.09.2003
Occupation	Assistant researcher
Major activities	Electronics of an liquid chromatograph
Employer	National Institute for Research for research of isotopic and molecular Technologies, INCDTIM Cluj-Napoca, România, Strada Donat nr. 67-103, RO-400293 Cluj- Napoca 5, România
Department	Mass Spectroscopy, chromatography and applied physics
Studies	
Period	01.10.2013 – 30.09. 2016
Occupation	PhD
Major activities	Building of OCT systems and light dispersion measurements.
Employer	University of Kent, Giles Ln, Canterbury CT2 7NZ, UK, https://www.kent.ac.uk
Laboratory	Applied Optics Group, https://research.kent.ac.uk/appliedoptics
Period	1.04.2011 – 30.03.2013
Occupation	Post Doctorate
Major activities	Processes simulation in digital camera sytem
Employer	Technical University of Cluj Napoca, Strada Memorandumului 28, Cluj-Napoca, cp. 400114
Laboratory	Image processing laboratory
Period	1.10.2003 – 30.09.2007
Occupation	PhD
Major activities	Processes simulation in image acquisition systems
Employer	Technical University of Cluj Napoca, Strada Memorandumului 28, Cluj-Napoca, cp. 400114
Laboratory	Signal processing laboratory
Research motilities	Period August-October 2012 in Trieste, Italy at Elettra Sincrotrone.
Workshops	
	<i>Workshop on Recent Trends in Signal Processing, 9-10 July, 2007, Cluj Napoca, Romania.</i>
	<i>Embedded system design and application, 17-22, September2007, Baia Mare, Romania.</i>
	<i>Technological Development in a Sustainable Economy, 11-15, April, 2011, Iasi, Romania.</i>

	<i>Research challenges for sustainable development, 19-23, March, 2012, Timisoara, Romania.</i>
	<i>Interdisciplinary Research in Engineering Steps towards Breakthrough Innovation for Sustainable Development, 25 February – 1 March, 2013, Cluj Napoca, Romania.</i>
	<i>Preparatory school to the winter college on optics in image science, 24-28 January 2011, Trieste, Italia.</i>
	<i>Winter college on optics in image science, 31 January – 12 February, 2011, Trieste, Italia.</i>
	<i>Winter College on Optics: Advances in Nano-Optics and Plasmonics, 6-17 February 2012 Trieste, Italia.</i>
	<i>Winter College on Optics: Advanced Optical Techniques for Bio-imaging, 13-24 February, 2017</i>
Other skills	
Language	Romanian
Other Languages	English
Computer skills	Windows, Office, Origin, Corel Draw, Matlab and Zemax (Optic Studio)