

## Workshop "Metamaterials with tailored properties for electromechanical applications"

16 October 2013

E301 Room, Building E

Nr. Crt.	Program	Autors	Paper ID	Article title
1	9.00-10.30	Mariana Sireteanu, Cristina Bratescu, Georgiana Viziteu, Isabela Astrid Elges	462	Evaluation of composite materials behavior for electromagnetic shielding of electromagnetic interference according to frequency and temperature using broadband dielectric spectroscopy
2		Cornelia Lorenz, Mihaela Aradoaei, Georgiana Viziteu, Isabela Astrid Elges	454	Electrothermal absorption properties of electromagnetic shielding systems with hexachiral structure
3		Mariana Sireteanu, Ramona Simionesc, Georgiana Viziteu, Cristian Bejenaru	461	Development of electromagnetic shielding systems with hexachiral structure in Salisbury and Jaumann configuration
4		Mariana Sireteanu, Cristina Bratescu, Bogdana Florean, Anca Pintea	460	Design and mechanical properties for electromagnetic systems with chiral-honeycomb shielding structure
5		Mariana Sireteanu, Mihaela Aradoaei, Bogdana Florean, Cotet Tudor,	465	Using Quick-Wave software package for electromagnetic design and applications for hexachiral electromagnetic shielding structures
6		Cornelia Lorenz, Olga Plopa, Bogdana Florean, Anca Pintea	455	Development of electromagnetic shielding systems with chiral honeycomb layered multiwire structure
7		Mariana Sireteanu, Cristina Bratescu, Andrei Niagu, Daniela Astarastoaei	481	The influence of geometric properties over the core on the absorption characteristics of electromagnetic hexachiral honeycom
	10.30-11.00	<b>COFFEE BRAKE</b>		
8	11.00-12.30	Mariana Sireteanu, Ramona Simionescu, Andrei Niagu, Tudor Ilas	480	A comparison between metallic honeycomb screen and metallic chiral honeycomb screen
9		Cornelia Lorenz, Olga Plopa, Andrei Niagu, Astarast	457	Methods for testing the shielding efficiency of electromagnetic shielding systems with hexachirala structure
10		Mariana Sireteanu, Ramona Simionescu, Georgiana Maria Moraru, Tugui Costel	464	Optimization method of the properties for electromagnetic shielding systems with hexachiral structure based on design maps
11		Mariana Sireteanu, Mihaela Aradoaei, Georgiana Maria Moraru, Luciana Atomei	463	Integration of mechanical and electromagnetic design of the electromagnetic shielding systems with hexachiral structure in Autocad and CST Studio
12		Cornelia Lorenz, Maria Ursan, George-Andrei Ursan, Tudor Ilas	458	Using X-Ray Microtomography for electromagnetic shielding analysis of composite materials
13		Cornelia Lorenz, Maria Ursan, George-Andrei Ursan, Cotet Tudor	456	Nondestructive testing based on Eddy current method for hybrid electromagnetic shielding systems
14		Cornelia Lorenz, Maria Ursan, George-Andrei Ursan, Luciana Atomei	459	The influence of the dielectric properties of the core on the absorption characteristics of electromagnetic hexachiral honeycomb shielding structure
15		Cornelia Lorenz, Olga Plopa, Georgiana Maria Moraru, Cristian Bejenaru	482	Dielectric specific characteristics of nanostructured cores based on polysulfone in Salisbury and Jaumann configuration