

Scientific and Technological Co-operation Programme Austria - Czech Republic - 2015-16 - PROPOSALS- Annex I

No. AT	No. CZ	Project Title	AUSTRIA		Czech Republic		Project Budget 2015 Th. CZK	Project Budget 2016 Th. CZK	Project Budget Th. CZK	Project Budget 2015 EUR	Project Budget 2016 EUR	Project Budget EUR
			Name	Institution	Name	Institution						
8	ZAMBISA T010	STATISTICAL INFERENCE FOR PERTURBED STOCHASTIC PROCESSES WITH APPLICATIONS TO NEUROSCIENCE	Buckwar, Evelyn	Universität Linz	Lansky, Petr	Academy of Sciences of the Czech Republic / Institute of Physiology	100	100	200	2485	1390	3875
21	ZAMBISA T011	Qualitative and quantitative analysis of the performance of pseudotrypsin towards protein substrates as a contribution to proteomics	Marchetti-Deschmann, Martina	Technische Universität Wien	Sehela, Marek	Palečský University, Olomouc / Department of Protein Biochemistry and Proteomics of Centre of the Region Haná for Biotechnological and Agricultural Research	92	92	184	2800	2800	5600
11	ZAMBISA T035	Topics in Set Theory: Traces of large cardinals, variants of Hechler's theorem, and ultrafilters on countable sets.	Friedman, Sy David	Universität Wien	Chodounský, David	Academy of Sciences of the Czech Republic / Institute of Mathematics	100	100	200	2800	2800	5600
14	ZAMBISA T014	Bio- and humidity response of novel surface functionalized filler based on lignocellulose materials	Gregorova, Adriana	Technische Universität Graz	Lehocký, Marian	Tomáš Bata University in Zlín / Centre of Polymer Systems	76	76	152	2734	2734	5468
13	ZAMBISA T009	Direct Determination of Platinum Group Elements in Environmental Samples with Inductively Coupled Plasma Mass Spectrometry	Goesler, Walter	Universität Graz	Lichinsky, Roman	Transport Research Centre, Brno, Czech Republic / Division of Transport Infrastructure and the Evaluation of Transport	99	75	174	1483	1365	2848
17	ZAMBISA T005	Multicomponent fluid mixtures: modeling and analysis	Jünger, Ansgar	Technische Universität Wien	Pokorny, Milan	Charles University / Faculty of Mathematics and Physics	78	78	156	2540	2540	5080
24	ZAMBISA T029	Protein-protein interactions from molecular simulations	Ostenbrink, Chris	Universität für Bodenkultur Wien	Hirtz, Jozef	Central European Institute of Technology / Research group biomolecular NMR spectroscopy	80	80	160	2794	2794	5588
1	ZAMBISA T033	Modern methods for the restoration of digital audio signals	Bajazs, Peter	Osterreichische Akademie der Wissenschaften	Rajmic, Pavel	Brno University of Technology (Vysoké učení technické v Brně) / Faculty of Electrical Engineering and Communication (Fakulta elektrotechniky a telekomunikací)	94	69	163	2906	2313	5219
19	ZAMBISA T015	Understanding empathy using a second person neuroscience approach – a multimodal hyperscanning study combining fMRI and scalp EEG	Lamm, Claus	Universität Wien	Braždil, Milan	Central European Institute of Technology - Masaryk University (CEITEC MU) <a href="http://www.ceitec.eu/ceitec-masaryk-university/in1/">http://www.ceitec.eu/ceitec-masaryk-university/in1/</a> Behavioral and social neuroscience research group (BESON) <a href="http://www.ceitec.eu/ceitec-mu/behavioral-and-social/">http://www.ceitec.eu/ceitec-mu/behavioral-and-social/</a>	98	73	171	2422	2682	5104
25	ZAMBISA T025	Selection of potential probiotic Lactobacillus strains for allergy-prevention: What can we learn from in vitro studies?	Schabussova, Irina	Medizinische Universität Wien	Kozakova, Hana	Academy of Sciences of the Czech Republic, v.v.i. / Laboratory of Gnotobiology, Institute of Microbiology	55	67	122	2510	2798	5308

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28	ZAMBISA T018	Visualisation and Importance-Driven Guidance through the Dynamics of Large Molecular Complexes	Viola, Ivan	Technische Universität Wien	Kozlikova, Barbora	Masaryk University / Department of Computer Graphics and Design, Faculty of Informatics	96	95	191	2743	2730	5473
15	ZAMBISA T030	Photooxidatively Stable Materials for Organic Solar Cells	Havlicek, Marek	Universität Linz	Vala, Martin	Bruno University of Technology / Faculty of Chemistry, Materials Research Centre (MRC)	100	100	200	2715	2496	5211
32	ZAMBISA T008	The Recognition of Traditional and New Minorities in the Light of National and International Legal Norms	Wieshaider, Wolfgang	Universität Wien	Schue, Harald Christan	Universität Karlova v Praze (Karluniversität zu Prag) / Právnická fakulta (Rechtswissenschaftliche Fakultät)	100	100	200	2430	2430	4860
12	ZAMBISA T004	Effects of strigolactone analogues on subcellular distribution of dynamic PIN proteins in Arabidopsis	Fřiml, Jiří	Institute of Science and Technology - Austria	Tarkowski, Petr	Palacky University, Olomouc / Department of Biochemistry at the Faculty of Science	48	48	96	1705	1705	3410
16	ZAMBISA T017	First principles investigation on structural, electronic and optical properties of quasi-binary oxides	Holec, David	Montanuniversität Leoben	Zajicková, Lenka	Masaryk University Šampy; Central European Institute of Technology, Brno / Research Group of Plasma Technologies	40	40	80	2790	2790	5580
2	ZAMBISA T002	Synodal Decomposition in Half-Heusler Alloys: A nanostructuring route towards high efficiency thermoelectric materials	Bauer, Ernst	Technische Universität Wien	Bursik, Jiří	Acad. Sci. Czech. Rep. / Institute of Physics of Materials	63	63	126	2601	2601	5202
29	ZAMBISA T023	Erdős-Szekeres type questions for point sets	Vogtenhuber, Birgit	Technische Universität Graz	Vallir, Pavel	Charles University, Prague. / Department of Applied Mathematics, Faculty of Mathematics and Physics	100	100	200	2800	2800	5600
18	ZAMBISA T007	Assessment of fatty acid profiles in human tissue by in vivo multinuclear MR spectroscopy	Kissak, Martin	Medizinische Universität Wien	Dezortova, Monika	Institute for Clinical and Experimental Medicine / MR-Unit, Department of Diagnostic and Interventional Radiology	100	100	200	2564	2564	5128
26	ZAMBISA T026	Digital Pre-distortion for Wireless MIMO Communications Systems	Springer, Andreas	Universität Linz	Marsálek, Roman	Bruno University of Technology / Department of radio electronics, Faculty of electrical engineering and communication	45	41	86	2080	2146	4226
							1564	1497	3061	47902	46478	94380