

H – Personální zabezpečení – přednášející / Teaching Staff – Lecturer							
Název VŠ / součásti / Name of school / faculty	Technical University of Liberec				Faculty of Mechatronics and Interdisciplinary Engineering Studies		
Název SP / Name of study program	Electrical Engineering and Informatics						
Jméno a příjmení / Lecturer (First name and last name)	Jaroslav Nosek				Tituly / Titles	Prof. Ing. CSc.	
Rok narození / Year of birth	1944	typ vzt. / Type of employment	Academi c staff	Rozsah / Range of employe ment	100%	do kdy / employed till	-
Další současní zaměstnavatelé / Other employers				typ prac. vztahu / type of employment		Rozsah / range	
Přednášky v předmětech / Lectures in subjects				Electrical Power Systems (Bc Studies) Piezoelectric Resonators (Ms Studies) Electrical Transducers of Physical Quantities (Ms Studies) Electromechanical Devices and Systems in Radioelectronics (Ph.D. Studies) Theory of Electrical Circuits (Ph.D. Studies)			
Údaje o oboru vzdělání na VŠ a o praxi od absolvování VŠ, vč. studia v doktorském SP / Education, titles received and previous employment							
1995-2007 Technical University of Liberec, Faculty of Mechatronics, Dept. Of Electrical Engineering, since 2007 Dept. Of Mechatronics and Technical Informatics. 1987-1995 Technical University of Liberec, Dept. Of Electrical Engineering, 1984-1987 Univ. des Sciences et de la Technologie, Institut de Physique, ALGER 1971-1984 Technical University of Liberec, Dept. Of Electrical Engineering 1971 Machine-and Electrical College Jičín 1968-1970 ELP (ASEA-Brown-Boveri) Jablonec n.N.							
Přehled o publikační a další tvůrčí činnosti za posledních 5 let / A short list of the most relevant publications and R&D achievements within in the last 5 years							
[1] Maixner, L. et All.: Mechatronika, (J.Nosek kap.4: Actuators of Mechatronical Systems, s.89- 135). Computer Press Brno, 2006 (in Czech) [2] Nosek,J., Pokorný, M., Sulc, M., Burianova, L., Soyer, C., Remiens, D.: Thin Pb(Zr _x Ti _{1-x})O ₃ (PZT) rhombohedral compositions deposited on the Si-substrate and its non-linear piezoelectric response. ECAPD8, Sept.5-8, 2006, Metz, France, Accepted for publication in <i>Ferroelectrics</i> . [3] Nosek,J., Pustka,M.: Determination of the Electromechanical Coupling Factor of Gallium Orthophosphate (GaPO ₄) and its Influence on Resonance-Frequency Temperature Dependencies. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, vol.53,1, January 2006, pp.10-14, ISSN 0885-3010. [4] Nosek,J.: A precise measurement of some nonlinear effects and its application to the evaluation of nonlinear elastic constants of quartz and GaPO ₄ . IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, vol. 50, 4, (April 2003), pp.386-391, ISSN 0885-3010. [5] Nosek,J.: Drive Level Dependence of the Resonant Frequency in BAW Quartz Resonators and his Modeling. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, Vol.46, No.4, July 1999, pp.823-829. ISSN 0885-3010. [6] Kamba,S., Buixaderas, E., Petzelt, J., Fousek, J., Nosek, J., Bridenbaugh, P.: IR spectroscopy on [Pb(Zn _{1/3} Nb _{2/3})O ₃] _{0.92} – [PbTiO ₃] _{0.08} and [Pb (Mg _{1/3} Nb _{2/3} O ₃)] _{0.71} - [PbTiO ₃] _{0.29} single crystals. Journal of Applied Physics, vol.93, 2, (January 2003), pp.933-939.							

Působení v zahraničí / Stays abroad		1992-2007 Paul Sabatier University Toulouse, France (short stages – each year) 2003-2006 INP-ENSEEIH Toulouse (courses) 1996 Pensylvania State University, PA, USA (short stage) 1984-1987 Université des Sciences et de la Technologie, Alger (Hosting Prof., 3 years)		
Obor habilitačního nebo jmenovacího řízení nebo udělení vědecké hodnosti / PhD degree and habilitation - Research area		Prof. – Physics 1998 Assoc.Prof. – Radioelectronics 1997 PhD –Theoretical Electrotechnics 1983 Electromecanical Properties of Materials	ohlasy publikací / number of SCI citations	
PhD degree and habilitation - year and institution		Czech Technical University in Prague, Faculty of Electrical Engineering 1997, 1983	35	
Podpis přednášejícího / Lecturer signature			35	
		Datum / date		